



Technical Adhesive Tapes
Product Range

Keeping you connected.

Coronplast

Our business units



Tapes



Cables



Cable Assemblies

Coroplast adhesive tapes – experience and innovation from a single source

Coroplast was founded back in 1928. In the early years, the company extruded PVC – a new material at that time – to make insulation sleeves, cables and insulated wires. The material expertise and process know-how that Coroplast acquired during these years enabled it to commence production of PVC electrical insulating tapes after 1945, paving the way for the new Adhesive Tapes Division. It is now more than 40 years since Coroplast's transition from a pure manufacturer of insulating tapes to a provider of technical adhesive tapes in selected markets. This journey has been accompanied by a passion for innovation and the courage to explore new technologies and go down different paths. Examples of this include:

- › The shift towards environmentally-friendly, solvent-free adhesive systems and hot-melt acrylic
- › The use of hot-melt technology in new products
- › Numerous patent registrations
- › Continual development of the product range toward special products for specific, customer-oriented applications

Coroplast insulating tape is already legendary. Even the more recent of our products already enjoy a considerable market presence and some are already leaders in their target markets. Coroplast is an independent family owned company that specializes in the development and production of technical adhesive tapes. As a result, we have short decision-making channels that enable us to respond quickly and flexibly to customers' and market requirements and at the same time work on sophisticated technical development projects and enhance our international presence. The Adhesive Tapes Division has production plants and distribution centers on three continents and operates with a global network of distributors. The in-house formulation and production of a range of pressure-sensitive adhesives has been an important factor in the company's success and it underlines Coroplast's commitment to being an adhesive tapes brand that delivers exceptional quality.



As well as synthetic rubber, Coroplast also offers single- and double-sided adhesive tapes with dispersion adhesive and solvent acrylic adhesive, also in modified form, as well as hot-melt acrylic and self-adhesive acrylic compositions. Customers and users can be found worldwide in technically demanding sectors of trade and industry, a great many of them being automobile manufacturers and their suppliers. It goes without saying that Coroplast is certified in accordance with ISO TS 16949.

The company also provides a wide variety of different packaging and dispensing methods: From single rolls, converter rolls and cross-wound spools to die-cut parts, including processing aids. Many different options are available and even in customer-specific packaging if requested. Our convictions and values – namely a pioneering mentality and desire to strive for technical improvements, coupled with speed – are the reasons why Coroplast is consistently able to deliver new solutions and products for the market and individual customers. Find out more about our strengths in developing and producing customer-specific solutions and special requests in conjunction with you, our customers needs. Our experienced and capable development team will be glad to advise you, whatever adhesive tape solutions you may need.

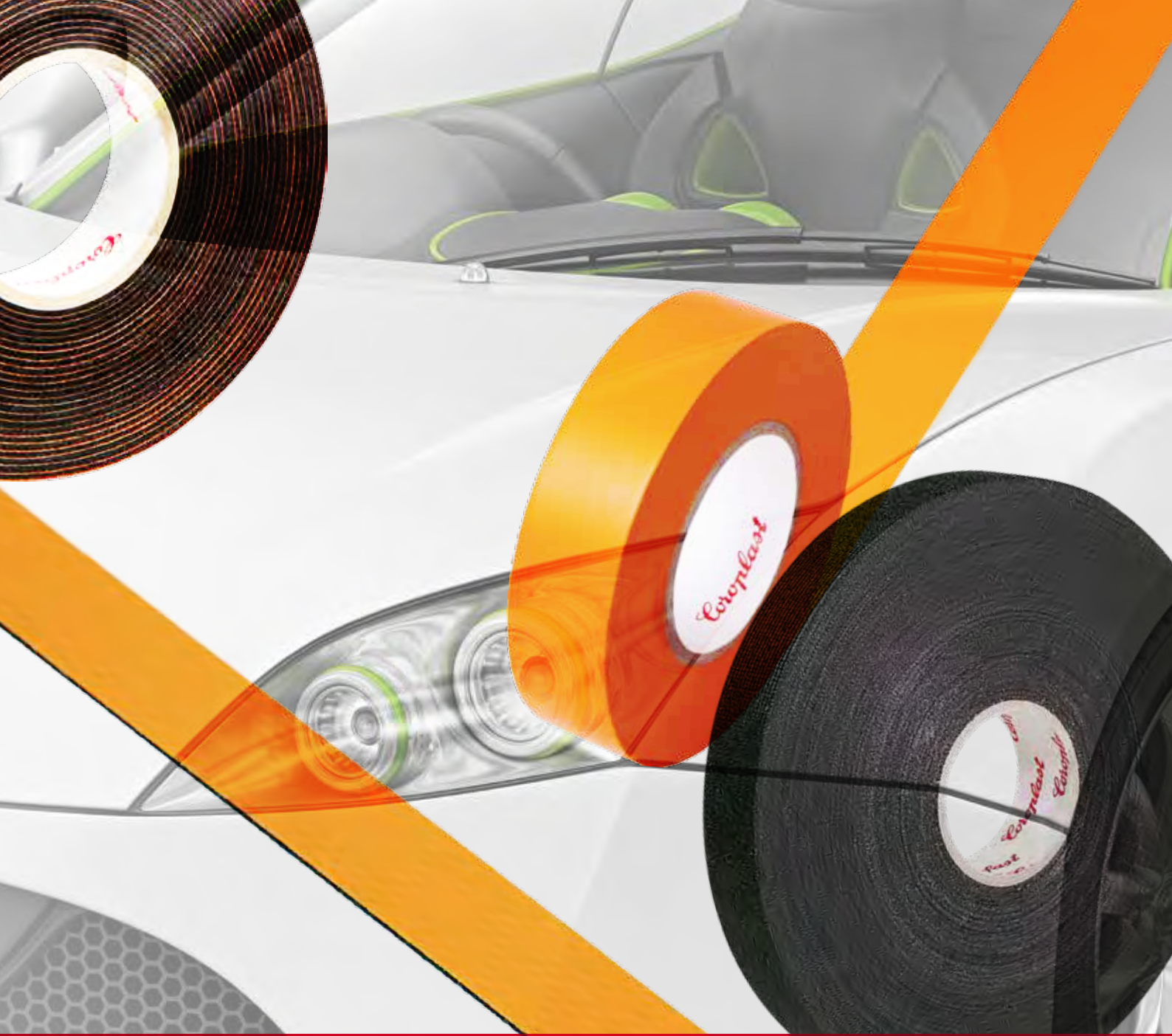
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Automotive

Wire harness tapes





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Coroplast 317, 651 MSX

Plasticized PVC wire harness tapes

Applications, advantages and properties

- › For bundling and binding wire harnesses
- › Hand or machine applied
- › Solvent-free adhesive
- › Equipped with fingerlift
- › Highly flexible carrier
- › Easy to tear by hand
- › Highly chemical resistant
- › Good resistance to cold and heat
- › Resistant to ageing

317

- › Meets specifications in accordance with EN 60454-3-1 Type 10
- › Flame-retardant

651 MSX

- › Carrier film made of extremely heat-resistant special compound
- › Very good flexibility at low temperatures



Coroplast 317

Technical data	317	651 MSX
Carrier	plasticized PVC film	plasticized PVC film made of special compound
Adhesive	acrylic	acrylic
Thickness	0.15 mm	0.15 mm
Colors	black, other colors available on request	black, other colors available on request
Widths	9, 19 and 25 mm	9, 19 and 25 mm
Lengths	33 and 66 m	33 and 66 m
Tensile strength	18 N/cm	20 N/cm
Elongation at break	160%	180%
Adhesion to steel	2.0 N/cm	2.2 N/cm
Unwind force	4.0 – 9.0 N/19 mm	4.0 – 9.0 N/19 mm
Dielectric strength	> 40 kV/mm	> 40 kV/mm
Classification acc. to LV 312	105 AA	125 AA
Temperature range	- 25 to + 105°C	- 25 to + 125°C

Coroflex 505, 512

Halogen-free wire harness tapes, based on elastomer-modified PP blends

Applications, advantages and properties

- › For bundling and binding wire harnesses
- › Short tearing with high degree of elongation
- › Can be applied fold-free on all uneven surfaces due to high flexibility
- › Compatible with special automotive cables made of PP or XPE

- › Halogen-free
- › Solvent-free adhesive
- › Heat-resistant: –40°C to +125°C for 3,000h in combination with PP and XPE cables, +105°C for 3,000h in combination with PVC cables



Coroflex 505

Technical data	505	512
Carrier	elastomer-modified polypropylene film	elastomer-modified polypropylene film
Adhesive	acrylic	acrylic
Thickness	0.12 mm	0.15 mm
Colors	black, other colors available on request	black, other colors available on request
Widths	9, 19 and 25 mm	9, 19 and 25 mm
Lengths	25 m	25 m
Tensile strength	18 N/cm	20 N/cm
Elongation at break	350%	500%
Adhesion to steel	2.0 N/cm	2.0 N/cm
Unwind force	4,0 – 9.0 N/19 mm	4.0 – 9.0 N/19 mm
Dielectric strength	> 40 kV/mm	> 40 kV/mm
Classification acc. to LV 312	125 AA	125 AA
Temperature range	–40 to + 125°C	–40 to + 125°C

Coroplast 8300 series

Polyester cloth tapes for wire harnesses

Applications, advantages and properties

- › For bundling and binding wire harnesses
- › For the presentation of an abrasion resistant and/or attractive appearance
- › Dense textile structure
- › Resistant to ageing and rotting
- › Very good resistance to cold and heat

8310 SE/8320 SE

- › High abrasion resistance
- › Heat-resistant up to +150°C in combination with ETFE and FEP wires and up to +105°C for 3,000h in combination with PVC wires
- › Solvent-free synthetic rubber with high adhesion
- › Coroplast 8310 SE for manual application, Coroplast 8320 SE for machine application



Coroplast 8310 SE

837 X/838 X

- › Highly suitable for engine compartment and engine block applications
- › Extremely heat-resistant
- › Excellent resistance to motor vehicle operating fluids
- › Compatible with many cable insulation materials (e.g. XPE and PP)
- › Solvent-free acrylic adhesive
- › Coroplast 837 X for manual application, Coroplast 838 X for machine application

8375 X

- › Properties same as Coroplast 837 X, but in accordance with US market specifications
- › High heat resistance

839

- › Easy to tear by hand
- › Attractive appearance on wire harnesses

839 X

- › Easy to tear by hand
- › Attractive appearance on wire harnesses
- › Extremely heat-resistant
- › Excellent resistance to motor vehicle operating fluids
- › Compatible with many cable insulation materials (e.g. XPE and PP)
- › Solvent-free acrylic adhesive

835

- › High abrasion resistance
- › Easy to tear by hand
- › Solvent-free synthetic rubber with high adhesion
- › Industry's first highly abrasion-resistant and easy to tear by hand product of its kind (patented technology)

835 X

- › High abrasion resistance
- › Easy to tear by hand
- › Extremely heat-resistant
- › Excellent resistance to motor vehicle operating fluids
- › Compatible with many cable insulation materials (e.g. XPE and PP)
- › Solvent-free acrylic adhesive
- › Industry's first tearable and highly abrasion-resistant product of its kind (patented technology)



Coroplast 837 X

Technical data	8310 SE/ 8320 SE	837 X/ 838 X	8375 X	839	839 X	835	835 X
Carrier	PET cloth	PET cloth	PET cloth	PET cloth, easy to tear by hand	PET cloth, easy to tear by hand	PET cloth, easy to tear by hand	PET cloth, easy to tear by hand
Adhesive	synthetic rubber	acrylic	acrylic	synthetic rubber	acrylic	synthetic rubber	acrylic
Thickness	0.27 mm	0.27 mm	0.27 mm	0.17 mm	0.18 mm	0.27 mm	0.27 mm
Colors	black, orange, other colors available on request	black, orange, other colors available on request	black, orange, other colors available on request	black, white other colors available on request	black, white other colors available on request	black	black
Widths	9, 19 and 25 mm	9, 19 and 25 mm	9, 19 and 25 mm	9, 19 and 25 mm	9, 19 and 25 mm	9, 19 and 25 mm	9, 19 and 25 mm
Lengths	8310 SE: 25 m 8320 SE: 50, 66 and 75m	837 X: 25 m 838 X: 50 and 66 m	25 m	25 and 50 m	25 and 50 m	25 m	25 m
Tensile strength	240 N/cm	250 N/cm	240 N/cm	60 N/cm	70 N/cm	70 N/cm	70 N/cm
Elongation at break	30%	30%	30%	30%	35%	25%	22%
Adhesion to steel	4.8 N/cm	4.9 N/cm	4.6 N/cm	4.8 N/cm	4.0 N/cm	4.8 N/cm	4.0 N/cm
Unwind force	8310 SE: 2.0 - 7.0 N/19 mm 8320 SE: 1.0 - 4.0 N/19 mm	837 X: 2.0 - 9.0 N/19 mm 838 X: 1.0 - 6.0 N/19 mm	2.0 - 9.0 N/19 mm	Manual: 2.0 - 9.0 N/19 mm Machine: 1.0 - 8.0 N/19 mm	Manual: 2.0 - 9.0 N/19 mm Machine: 1.0 - 8.0 N/19 mm	2.0 - 9.0 N/19 mm	2.0 - 9.0 N/19 mm
Classification acc. to LV 312	105/150 DA	150 DA	125 DA	125 BA	150 BA	125 DA	150 DA
Temperature range	-40 to +105/150 °C	-40 to +150°C	-40 to +125°C	-40 to +125°C	-40 to +150°C	-40 to +125°C	-40 to +150°C

Coroplast 8500 series

Stitch-bonded, non-woven, polyester adhesive tapes for wire harnesses

Applications, advantages and properties

- › For bundling and binding wire harnesses
- › Material structure pleasant to the touch
- › Suitable for sound dampening and rattle suppression in the transportation industry
- › Resistant to ageing and rotting
- › Very good resistance to cold and heat



Coroplast 8550

8551

- › Standard tape for general rattle suppression
- › Solvent-free synthetic rubber with good adhesion
- › Very easy to apply due to easy-tear property

8550/8560

- › Standard tape for better abrasion resistance and rattle suppression
- › Solvent-free synthetic rubber with good adhesion
- › Very easy to apply due to easy-tear property
- › Coroplast 8550 for manual application, Coroplast 8560 for machine application
- › Available in various colors for color coding

8550 X/8560 X

- › Standard tape for better abrasion resistance and rattle suppression
- › Solvent-free acrylic adhesive
- › Very easy to apply due to easy-tear property
- › Coroplast 8550 X for manual application, Coroplast 8560 X for machine application

8553 X/8563 X

- › OEM-specific version of Coroplast 8550 X
- › Solvent-free acrylic adhesive
- › Coroplast 8553 X for manual application, Coroplast 8563 X for machine application

8510/8520

- › Superior abrasion resistance and rattle suppression
- › Solvent-free synthetic rubber with good adhesion
- › Easy to tear by hand
- › Coroplast 8510 for manual application, Coroplast 8520 for machine application

Technical data	8551	8550/8560	8550 X/8560 X	8553 X/8563 X	8510/8520
Carrier	PET non-woven	PET non-woven	PET non-woven	PET non-woven	PET non-woven
Adhesive	synthetic rubber	synthetic rubber	acrylic	acrylic	synthetic rubber
Thickness	0.22 mm	0.3 mm	0.3 mm	0.3 mm	0.5 mm
Colors	black	black, white, red, blue, brown, green, yellow	black	black	black
Widths	9, 15, 19 and 25 mm	9, 15, 19 and 25 mm	9, 12, 15, 19 and 25 mm	9, 12, 15, 19 and 25 mm	9, 15, 19 and 25 mm
Lengths	25 m and 50 m	8550: 25 m 8560: 50 m	8550 X: 25 m 8560 X: 50 m	25 m	8510: 10 m 8520: 33 m
Tensile strength	30 N/cm	32 N/cm	32 N/cm	32 N/cm	42 N/cm
Elongation at break	20%	20%	20%	20%	19%
Adhesion to steel	4.0 N/cm	5.9 N/cm	2.5 N/cm	2.6 N/cm	6.0 N/cm
Unwind force	3.0 - 7.0 N/19 mm	8550: 3.0 - 7.0 N/19 mm 8560: 1.0 - 6.0 N/19 mm	8550X: 2.0 - 8.0 N/19 mm 8560X: 1.0 - 6.0 N/19 mm	2.0 - 8.0 N/19 mm	8510: 3.0 - 7.0 N/19 mm 8520: 1.0 - 6.0 N/19 mm
Classification acc. to LV 312	105 AC	105 BC	125 BC	125 BC	105 BC
Temperature range	-40 to +105°C	-40 to +105°C	-40 to +125°C	-40 to +125°C	-40 to +105°C

8515 X

- › Properties same as Coroplast 8510, but in accordance with US market specifications
- › Solvent-free acrylic adhesive
- › High heat resistance

8571, 8572/8582

- › OEM-specific version of Coroplast 8570 with modified thickness requirements
- › Solvent-free synthetic rubber with good adhesion
- › Outstanding rattle suppression properties
- › High abrasion resistance
- › Easy to tear by hand
- › Coroplast 8572 for manual application, Coroplast 8582 for machine application

8570/8580

- › Outstanding rattle suppression properties
- › Solvent-free synthetic rubber with good adhesion
- › High abrasion resistance
- › Easy to tear by hand
- › Coroplast 8570 for manual application, Coroplast 8580 for machine application

8575 X

- › Outstanding rattle suppression properties
- › Solvent-free acrylic adhesive
- › Very good abrasion resistance
- › Tearable by hand

8579 X

- › Outstanding rattle suppression properties
- › Solvent-free acrylic adhesive
- › Very good abrasion resistance



Coroplast 8550

Technical data	8515 X	8571, 8572/8582	8570/8580	8575 X	8579 X
Carrier	PET non-woven	PET non-woven	PET non-woven	PET non-woven	PET non-woven
Adhesive	acrylic	synthetic rubber	synthetic rubber	acrylic	acrylic
Thickness	0.5 mm	8571: 0.7 mm; 8572/8582: 0.8 mm	0.9 mm	0.9 mm	1.0 mm
Colors	black	black	black	black	black
Widths	9, 19 and 25 mm	19 and 25 mm	19 and 25 mm	19 mm	19 mm
Lengths	10 m	8571, 8572: 7.5 m 8582: 15 m	8570: 5 m 8580: 10 m	5 m	5 m
Tensile strength	42 N/cm	27 N/cm	29 N/cm	30 N/cm	35 N/cm
Elongation at break	19%	17%	19%	20%	25%
Adhesion to steel	6.0 N/cm	4.8 N/cm	5.2 N/cm	3.2 N/cm	2.5 N/cm
Unwind force	3.0 – 7.0 N/19 mm	3.0 – 7.0 N/19 mm	3.0 – 7.0 N/19 mm	2.0 – 8.0 N/19 mm	2.0 – 8.0 N/19 mm
Classification acc. to LV 312	125 BC	105 DD	105 DD	125 DD	125 DD
Temperature range	-40 to +125°C	-40 to +105°C	-40 to +105°C	-40 to +125°C	-40 to +125°C

Coroplast 8750

Fleece polyester adhesive tape for wire harnesses



Coroplast 8750

Applications, advantages and properties

- › For manual bundling of wire harnesses
- › Can be torn laterally
- › Smooth carrier material
- › Solvent-free adhesive
- › Resistant to ageing and rotting

Technical data	8750
Carrier	PET fleece
Adhesive	synthetic rubber
Thickness	0.3 mm
Colors	black
Widths	9 and 19 mm
Lengths	25 m
Tensile strength	30 N/cm
Elongation at break	20%
Adhesion to steel	4.0 N/cm
Classification acc. to LV 312	105 AC
Temperature range	-40 to + 105°C

Coroplast SLX series

Adhesive tapes for lightweight wire harnesses



Coroplast 856 SLX

Applications, advantages and properties

- › For manual bundling of wire harnesses
- › Light weight achieved by low area weight
- › Cost-optimized product design
- › Compatible with many cable insulation materials

816 SLX

- › Environmentally-friendly version made from renewable raw materials

836 SLX

- › PET cloth adhesive tape, easy to tear by hand
- › Extremely heat-resistant
- › Resistant to ageing and rotting
- › Good resistance to chemicals and motor vehicle operating fluids

856 SLX

- › Stitch-bonded, non-woven polyester adhesive tape, easy to tear by hand
- › Heat-resistant
- › Resistant to ageing and rotting
- › Good resistance to chemicals and motor vehicle operating fluids

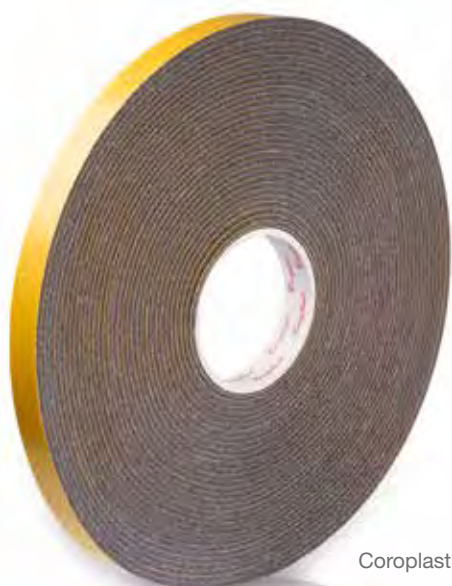
876 SLX

- › Non-woven polyester adhesive tape, hand tearable
- › Extremely heat-resistant
- › Resistant to ageing and rotting
- › Good resistance to chemicals and motor vehicle operating fluids

Technical data	816 SLX	836 SLX	856 SLX	876 SLX
Carrier	spun rayon fabric	PET cloth	PET non-woven	PET fleece
Adhesive	acrylic	acrylic	acrylic	acrylic
Thickness	0.2 mm	0.15 mm	0.28 mm	0.3 mm
Colors	black	black	black	black
Widths	9, 19 and 25 mm	9, 19 and 25 mm	9, 19 and 25 mm	9, 19 and 25 mm
Lengths	25 m	25 m	25 m	15 m
Tensile strength	70 N/cm	65 N/cm	30 N/cm	22 N/cm
Elongation at break	5%	15%	15%	30%
Adhesion to steel	4 N/cm	3.5 N/cm	2.2 N/cm	3.5 N/cm
Classification acc. to LV 312	105 AA	150 AA	125 AC	150 AC
Temperature range	-40 to +105°C	-40 to +150°C	-40 to +125°C	-40 to +150°C

Coroplast 5170

PUR foam, reinforced



Coroplast 5170

Coroplast 8440 X

Acoustic adhesive tape



Coroplast 8440 X

Applications, advantages and properties

- › Single-sided polyurethane foam for wrapping and covering wire harnesses
- › Suitable for noise dampening caused by rattles and vibration in the transportation industry
- › Apart from the transportation industry it can be used in the furniture and lighting, in concrete processing and air-filter construction industries
- › Reinforced with bonded/non-woven fabric
- › Covered with brown paper interliner
- › Easily compressible
- › Good tear resistance

Applications, advantages and properties

- › For manual bundling of wire harnesses
- › Extremely resistant to cold and heat
- › Excellent alternative to foam adhesive tapes
- › Outstanding rattle suppression properties
- › Excellent sound dampening properties
- › Resistant to ageing and rotting

Technical data	5170	8440 X
Carrier	PUR foam, reinforced with PET scrim	PET fleece
Adhesive	acrylic	acrylic
Thickness	4.0 mm	2.0 mm
Colors	anthracite; cover: paper, brown	black
Widths	19, 30 and 50 mm	19 and 25 mm
Lengths	10 and 20 m	5 m
Tensile strength	30 N/25 mm	55 N/cm
Elongation at break	30%	54%
Adhesion to steel	35 N/25 mm	2.0 N/cm
Classification acc. to LV 312	105 AE	125 BE
Temperature range	-40 to +105°C	-40 to +125°C

Coroplast 880, 880 X

PA velour tapes for wire harnesses



Coroplast 880 X

Applications, advantages and properties

- › For manual bundling and binding of for manual bundling of wire harnesses
- › High abrasion resistance
- › Suitable for use with hook tape (Velcro®)
- › Excellent sound dampening properties
- › Resistant to ageing and rotting
- › Soft carrier
- › Good resistance to cold and heat

880

- › Solvent-free synthetic rubber

880 X

- › Excellent resistance to motor vehicle operating fluids and extreme heat
- › Compatible with many cable insulation materials (e.g. XPE and PP)
- › Solvent-free acrylic adhesive

Technical data	880	880 X
Carrier	PA velour	PA velour
Adhesive	synthetic rubber	acrylic
Thickness	1.0 mm	1.0 mm
Colors	black	black
Widths	19 and 25 mm	19 and 25 mm
Lengths	5 m	5 m
Tensile strength	160 N/cm	160 N/cm
Elongation at break	40%	40%
Adhesion to steel	5.3 N/cm	1.8 N/cm
Classification acc. to LV 312	105 DE	125 DE
Temperature range	-40 to +105°C	-40 to +125°C

Coroplast MPX series

Abrasion-resistant tapes for heavy-duty mechanical protection

Applications, advantages and properties

- › For manual bundling of wire harnesses
- › Very high abrasion resistance
- › Very good resistance to cold and heat
- › Compatible with many cable insulation materials (e.g. XPE and PP)
- › Excellent resistance to motor vehicle operating fluids
- › Solvent-free acrylic adhesive
- › Resistant to ageing and rotting

831 MPX

- › Laminate PET film/PET cloth adhesive tape
- › Very high abrasion resistance
- › Moisture-repellent surface due to laminated PET film
- › Dense textile structure with, good tear resistance

832 MPX

- › Polyamide cloth adhesive tape
- › Excellent abrasion resistance
- › Dense textile structure of PA carrier
- › Tear-proof

833 MPX

- › Multi-layer PET cloth/non-woven adhesive tape
- › Excellent sound dampening properties
- › Excellent abrasion resistance
- › See handling instructions for final wrapping

834 MPX

- › Multi-layer PET/PA adhesive tape
- › Excellent sound dampening properties
- › Outstanding abrasion resistance



Coroplast
833 MPX

Technical data	831 MPX	832 MPX	833 MPX	834 MPX
Carrier	Laminate PET film/PET cloth	PA cloth	Laminate PET cloth/stitch-bonded PET non-woven	Laminate PA cloth/stitch-bonded PET non-woven
Adhesive	acrylic	acrylic	acrylic	acrylic
Thickness	0.32 mm	0.35 mm	1.2 mm	1.2 mm
Colors	black	black	black	black
Widths	19, 25 and 38 mm	19, 25 and 38 mm	19, 25 and 38 mm	19, 25 and 38 mm
Lengths	15 m	15 m	5 m	5 m
Tensile strength	260 N/cm	450 N/cm	270 N/cm	500 N/cm
Elongation at break	30%	40%	30%	50%
Adhesion to steel	4.2 N/cm	3.0 N/cm	3.0 N/cm	3.0 N/cm
Classification acc. to LV 312	125 DA	125 EA	125 ED	125 GD
Temperature range	-40 to +125°C	-40 to +125°C	-40 to +125°C	-40 to +125°C

Coroplast 1238 X, 1239 X

Heat reflection tapes

Applications, advantages and properties

- › Specially compounded adhesive made of aluminum and PET cloth
- › Heat reflection adhesive tapes for manual bundling of wire harnesses that are exposed to high radiant heat
- › High-quality EFTE cables can be replaced by cables with a lower temperature class (e.g. XPE cables) due to a significant drop in inner harness temperature by reflecting the radiant heat (see graph).
- › 3,000 h heat resistance at 125 to 150°C when glued, short term up to 240 h at 175°C depending on cable material
- › Outstanding chemical resistance to motor vehicle and other operating fluids
- › Excellent resistance to cold and heat
- › Resistant to ageing and rotting
- › Compatible with many cable insulation materials (e.g. XPE and PP)
- › PVC-compatible



Coroplast 1238 X

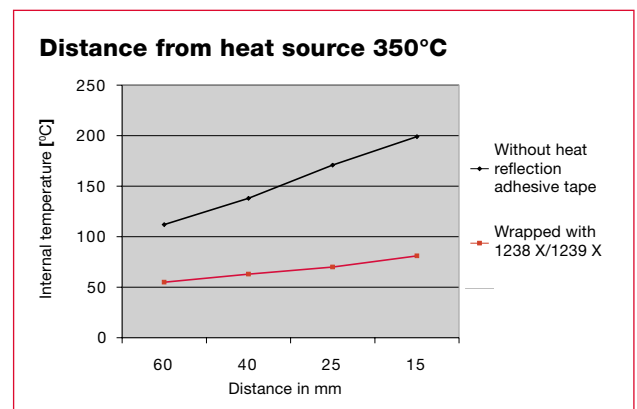
1238 X

- › Very stable, abrasion- and tear-resistant textile carrier

1239 X

- › Laminated carrier easy to tear by hand

Technical data	1238 X	1239 X
Carrier	Special aluminum foil/ PET cloth laminate	Special aluminum foil/ PET cloth laminate
Adhesive	acrylic	acrylic
Thickness	0.28 mm	0.23 mm
Colors	aluminum-colored	aluminum-colored
Widths	19 and 25 mm	19 and 25 mm
Lengths	25 m	25 m
Tensile strength	240 N/cm	60 N/cm
Elongation at break	30%	15%
Adhesion to steel	3.0 N/cm	4.2 N/cm
Classification LV 312	150 DA	150 BA
Temperature range	-40 to +150°C	-40 to +150°C



Corotex 8002, 8005, Coroplast 8302

Splice tapes



Coroplast 8302

Applications, advantages and properties

- › For bundling of wire harnesses, cable junctions and solder joints
- › For manual and machine wrapping of wire harnesses on special bundling machines
- › Good dielectric properties
- › High adhesion
- › Solvent-free synthetic rubber adhesive
- › Good resistance to ageing and rotting

Corotex 8002

- › Acrylic-coated spun rayon fabric
- › Can easily be torn laterally by hand
- › Moisture-repellent surface

Corotex 8005

- › Acrylic-coated PET cloth
- › Rot-resistant cloth carrier
- › Can easily be torn laterally by hand
- › Moisture-repellent surface

8302

- › Dense textile structure of cloth
- › Dielectric strength of 8 kV/mm

Technical data	Corotex 8002	Corotex 8005	8302
Carrier	acrylic-coated spun rayon fabric	acrylic-coated PET cloth	dense textile structure of PET cloth
Adhesive	synthetic rubber	synthetic rubber	synthetic rubber
Thickness	0.28 mm	0.23 mm	0.23 mm
Colors	black	black, other colors available on request	black
Widths	38 and 50 mm	38 and 50 mm	19, 25, 38 and 50 mm
Lengths	25 and 50 m	25 and 50 m	50 m
Tensile strength	85 N/cm	82 N/cm	220 N/cm
Elongation at break	10%	30%	30%
Adhesion to steel	5.2 N/cm	5.5 N/cm	4.8 N/cm
Classification acc. to LV 312	105 CA	105 BA	105 CA
Temperature range	-40 to +105°C	-40 to +105°C	-40 to +105°C

Coroplast 8606

Glass cloth adhesive tape



Coroplast 8606

Applications, advantages and properties

- › For manual bundling of wire harnesses
- › Especially suitable for applications that demand extreme heat resistance
- › Exceeds the requirements of temperature class E according to LV 312
- › Good adhesive characteristics on most surfaces
- › High tear resistance
- › Extremely resistant to chemicals
- › Self-extinguishing
- › Resistance to ageing and rotting

Technical data	8606
Carrier	glass cloth
Adhesive	thermosetting silicone-based adhesive
Thickness	0.15 mm
Colors	white
Widths	19 mm
Lengths	25 m
Tensile strength	220 N/cm
Elongation at break	5%
Adhesion to steel	4.0 N/cm
Classification acc. to LV 312	175 AA
Temperature range	-40 to +225°C

Coroplast LT series

Sleeve tapes for longitudinal wire harness bundling

Applications, advantages and properties

- › Developed specifically to minimize the contact between adhesive and wire bundle allowing maximum flexibility of harness
- › Very good resistance to cold and heat
- › Good chemical resistance
- › Solvent-free adhesive
- › Resistance to ageing and rotting
- › Please see handling instructions

837 X LT, 837 X LT3

- › Sleeve adhesive tape with polyester textile carrier
- › Extremely heat-resistant for engine compartment applications
- › Tear-proof

837 X LT1, 837 X LT4

- › Sleeve adhesive tape with polyester textile carrier
- › Extremely heat-resistant for engine compartment applications
- › High abrasion resistance
- › Tear-proof

1238 X LT1

- › Sleeve adhesive tape made of an aluminum foil and PET cloth laminate
- › Inside temperature of the wire harness is drastically reduced through reflection of the radiant heat
- › Extremely heat-resistant for engine compartment applications

8550 LT

- › Sleeve adhesive tape with stitch-bonded, PET non-woven carrier
- › Solvent-free synthetic rubber adhesive
- › A very and sound dampening carrier

Adhesive tape structure (schematic)



Structure of Coroplast 837 X LT and 8550 LT

Adhesive tape structure (schematic)



Structure of Coroplast 837 X LT1 and 1238 X LT1

Other sleeve application tape structures available



Coroplast 8550 LT

Sleeve application tapes are also available as die cut parts for simple and efficient processing, depending on type and carrier.

Technical data	837 X LT	837 X LT1	837 X LT3	837 X LT4	1238 X LT1	8550 LT
Carrier	PET cloth	PET cloth	PET cloth	PET cloth	Special aluminum/ PET cloth laminate	PET non-woven
Adhesive	acrylic	acrylic	acrylic	acrylic	acrylic	synthetic rubber
Sleeve thickness	0.2 mm	0.5 mm	0.2 mm	0.5 mm	0.3 mm	0.25/0.55 mm
Colors	black	black	black	black	aluminum-colored	black
Widths	80, 115, 130 and 180 mm	80, 115, 130 and 180 mm	80, 115, 130 and 180 mm	80, 115, 130 and 180 mm	80, 115, 130 and 180 mm	80, 115, 130 and 180 mm
Lengths	15 and 50 m	15 and 50 m	15, 25 and 50 m	50 m	50 m	15 and 50 m
Tensile strength	250 N/cm	400 N/cm	250 N/cm	400 N/cm	240 N/cm	32 N/cm
Elongation at break	30%	22%	30%	22%	27%	20%
Adhesion to steel	4.0 N/cm	4.0 N/cm	4.0 N/cm	4.0 N/cm	3.0 N/cm	6.0 N/cm
Classification acc. to LV 312	150 BA	150 EA	150 BA	150 DA	150 DA	105 AC
Temperature range	-40 to +150°C	-40 to +150°C	-40 to +150°C	-40 to +150°C	-40 to +150°C	-40 to +105°C

Coroplast RT series

Reverse tapes for flexible wire harness bundling

Applications, advantages and properties

- › Developed specifically to minimize the contact between adhesive and wire bundle allowing maximum flexibility of harness
- › For use in confined areas and limited installation spaces
- › Very good resistance to cold and heat
- › Good chemical resistance
- › Solvent-free adhesive
- › Resistance to ageing and rotting
- › Available in R (right) and L (left) versions
- › Perform final wrapping with tape wound onto itself

839 RT

- › PET cloth adhesive tape, easy to tear by hand
- › Solvent-free synthetic rubber adhesive
- › Abrasion resistant

8550 RT

- › Stitch-bonded, non-woven PET adhesive tape
- › Solvent-free synthetic rubber adhesive
- › Good sound dampening

837 X RT

- › Extremely heat-resistant
- › Very good abrasion resistance
- › Solvent-free acrylic adhesive
- › Tear-proof

835 X RT

- › Easy to tear by hand
- › Extremely heat-resistant
- › High abrasion resistance
- › Solvent-free acrylic adhesive

880 X RT

- › Very good heat and tear resistance
- › Very good sound dampening properties
- › High abrasion resistance

832 MPX RT

- › Polyamide cloth adhesive tape
- › Maximum abrasion resistance
- › Dense textile structure of PA carrier
- › Tear-proof

Please see handling instructions for these products, which we will gladly provide you with.

Technical data	839 RT	8550 RT	837 X RT	835 X RT
Carrier	PET cloth	PET non-woven	PET cloth	PET cloth
Adhesive	synthetic rubber	synthetic rubber	acrylic	acrylic
Thickness	0.3 mm	0.5 mm	0.5 mm	0.5 mm
Colors	black	black	black	black
Widths	35 and 50 mm	35 and 50 mm	35 and 50 mm	35 and 50 mm
Lengths	10 m	10 m	10 m	10 m
Tensile strength	100 N/cm	50 N/cm	300 N/cm	68 N/cm
Elongation at break	27%	20%	30%	22%
Adhesion to steel	4.5 N/cm	4.5 N/cm	4.5 N/cm	4.0 N/cm
Classification acc. to LV 312	125 CA	105 BD	105/150 EB	150 DB
Temperature range	-40 to +125°C	-40 to +105°C	-40 to +150°C	-40 to +150°C

833 MPX RT

- › Multi-layer PET adhesive tape
- › Additional excellent sound damping properties
- › Very high abrasion resistance
- › Tear-proof

834 MPX RT

- › Multi-layer PET/PA adhesive tape
- › Excellent sound damping properties
- › Outstanding abrasion resistance
- › Tear-proof



Coroplast
832 MPX RT

Adhesive tape structure (schematic)



Version RT-R

Version RT-L

Technical data	880 X RT	832 MPX RT	833 MPX RT	834 MPX RT
Carrier	PA velour/PET cloth	PA cloth	PET cloth/PET non-woven	Laminate PA cloth/PET non-woven
Adhesive	acrylic	acrylic	acrylic	acrylic
Thickness	1.2 mm	0.7 mm	1.2 mm	1.2 mm
Colors	black	black	black	black
Widths	35 and 50 mm	35 and 50 mm	35 and 50 mm	35 and 50 mm
Lengths	10 m	10 m	10 m	10 m
Tensile strength	360 N/cm	500 N/cm	290 N/cm	550 N/cm
Elongation at break	37%	50%	32%	55%
Adhesion to steel	4.5 N/cm	3.0 N/cm	3.0 N/cm	3.0 N/cm
Classification acc. to LV 312	125 EE	125 GB	125 ED	125 FD
Temperature range	-40 to +125°C	-40 to +125°C	-40 to +125°C	-40 to +125°C

Coroplast safety knife

Special tool for cutting wire harness tapes



Applications, advantages and properties

- › High quality product (manufactured in Solingen, Germany)
- › Compact size: 76 mm x 45 mm
- › Alternative to scissors, knife or tearing by hand

Information

on selecting the correct adhesive tape width and on classification of wire harness tapes in accordance with LV 312

Choice of tape width for automotive adhesive tapes

Different tape widths should be used depending on the diameter of the wire harness. The following rule of thumb applies for selecting the width:

Harness diameter	Adhesive tape width
< 2 mm	9 mm
3 mm to 5 mm	12 mm
6 mm to 20 mm	19 mm
> 20 mm	25 mm

Please find our handling instructions online at www.coroplast.de

Classification in accordance with automobile testing standard LV 312 (excerpt)

Class	Classification	Abrasion classes 5 mm mandrel	Sound damping classes
		Requirement No. of strokes	Requirement Damping in dB(A)
A	None/low	< 100	0 to 2
B	Low	100 to 499	> 2 to 5
C	Medium	500 to 999	> 5 to 10
D	High	1,000 to 4.999	> 10 to 15
E	Very high	5,000 to 14,999	> 15
F	Extremely high	15,000 to 29,999	
G	Special applications	> 30,000	

Coroplast automotive approvals

	BMW	Changan	Daimler	FCA/Chrysler	FCA/Fiat	Ford	GM/Opel	Nissan	MAN	Mazda	PSA	Renault	Tata Motors	Volvo	VW	Temperature class*	Abrasion class (5 mm mandrel)*	Sound dampening class*
302	•		•												•	105	A	A
317	•		•			•	•								•	105	A	A
505				•							•					125	A	A
512	•					•	•		•		•			•	•	125	A	A
651 MSX	•			•		•	•	•			•	•			•	125	A	A
835						•	•									125	D	A
835 X			•	•		•	•				•		•			150	D	A
837 X / 838 X	•		•	•		•	•		•		•	•	•		•	150	D	A
8375 X						•	•									125	D	A
839	•		•		•	•	•								•	125	B	A
839 X	•		•		•	•	•				•	•				150	B	A
8302	•		•				•								•	105	C	A
8310 SE / 8320 SE	•		•			•	•					•			•	105/150	D	A
8510 / 8520						•					•	•			•	105	B	C
8515 X						•										125	C	B
8550 / 8560	•		•			•	•		•			•	•		•	105	B	C
8550 X / 8560 X	•		•			•	•					•			•	125	B	C
8551	•	•	•		•	•	•	•		•	•	•			•	105	A	C
8553 X															•	125	B	C
8570 / 8580			•									•				105	D	D
8571	•		•			•	•					•			•	105	D	D
8572 / 8582	•															105	D	D
8579 X															•	125	D	D
8002	•		•			•						•			•	105	C	A
8005						•					•					105	C	A
880	•		•		•	•									•	105	D	E
880 X	•		•		•	•			•		•				•	125	D	E
8440 X			•												•	125	B	E
8750						•									•	105	A	C
8750 X						•									•	125	A	C
8606							•				•					225	A	A
831 MPX												•				125	D	A
832 MPX			•			•	•		•						•	125	E	A
833 MPX	•		•			•									•	125	E	D
834 MPX			•						•						•	125	G	D
1238 X			•			•										150	D	A
1239 X						•										150	B	A
1335 XE															•	n/s	n/s	n/s
837 X RT			•	•		•	•								•	150	E	B
839 RT	•		•			•	•					•			•	125	C	A
839 X RT			•								•					150	D	B
8550 RT	•		•			•	•		•		•				•	105	B	D
1238 X RT			•													150	D	A
832 MPX RT			•						•						•	125	G	B
833 MPX RT															•	125	E	D
834 MPX RT									•							125	G	D
837 X LT						•	•									150	B	A
837 X LT1							•									150	E	A
837 X LT4							•									150	E	A
8550 LT	•		•													105	A	C
1238 X LT1						•			•							150	D	A
836 SLX			•								•				•	150	A	A
856 SLX			•			•	•				•				•	125	A	C
876 SLX						•	•				•	•			•	150	A	C
5170	•															105	A	E
5173							•									105	A	E
5174							•									105	A	E

* according to LV 312.

Electrical installation

Insulating tapes for the electrical trade,
industry and DIY





Notes and explanations on EN 60454	30
Electrical insulating tapes based on plasticized PVC	31
Electrical insulating tapes based on elastomer-modified PE	32
Plastic-coated textile adhesive tape	33
Insulating tape dispenser	34
Pipe warning tape	34
Counter and display stands	35
DIY packs	36 – 37

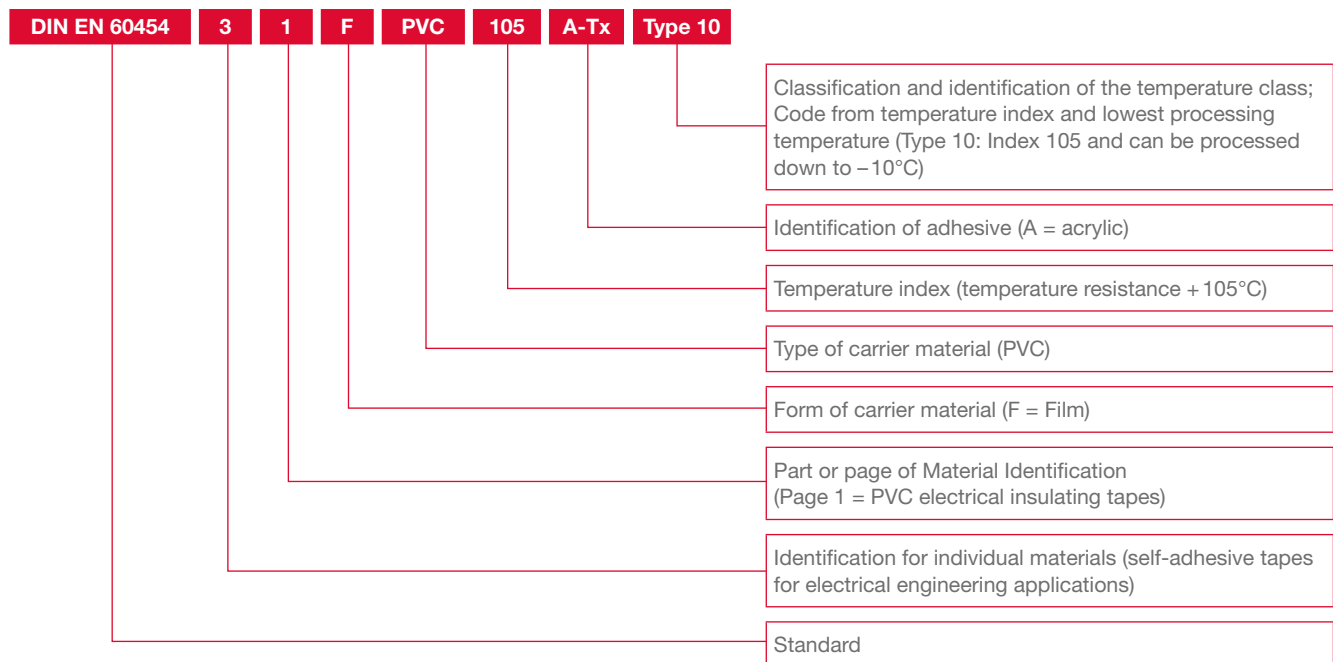
Adhesive tape standard for electrical insulating tape: EN 60454

The tests performed on our adhesive tapes designed for use in the electrical engineering sector are based on European Standard EN 60454 applicable to electrical insulating tapes. This standard specifies a compulsory system of product labeling that allows consumers and contractors

to immediately identify the key properties and test values of insulating tapes from the product designation. The following example illustrates the complete product designation for Coroplast 302:



Coroplast 302 Electrical insulating tape



Even our standard product, Coroplast 302, reveals the outstanding temperature characteristics of Coroplast adhesive tapes by achieving the comparatively high temperature class 10 (of 12) in accordance with EN 60454-3-1 (processable down to -10°C, temperature-resistant to +105°C). Furthermore, we send our Coroplast

301 and 302 products to the VDE (Germany Association for Electrical, Electronic & Information Technologies) for external testing in line with the relevant standards, so that they can also carry the VDE approval mark. Further details and technical data can be found in the product descriptions in this catalog or you can contact us directly.

Please find our handling instructions online at www.coroplast.de

Coroplast 301, 302, 303

Electrical insulating tapes based on plasticized PVC

Applications, advantages and properties

- › DIN EN 60454-3-1 F-PVC/105/A-Tx Type 10
- › For all standard insulation work, repairing damaged insulation, wrapping cable ends and branches, stripping armatures and coils, labeling and marking
- › For bundling and marking wire harnesses and branches
- › Flame-retardant and good ageing properties
- › Very good resistance to chemicals
- › Can be applied fold-free on all uneven surfaces due to high flexibility
- › Color chart on page 88/89
- › Plasticized PVC adhesive tapes, transparent: see special applications Coroplast Type 331, 332 (see page 83)

301

- › With VDE and ÖVE approval marks

302

- › Our standard adhesive tape with VDE approval mark
- › Also available in green/yellow

303

- › For insulation work with high demands for mechanical stability



Coroplast 302

Technical data	301	302	303
Carrier	plasticized PVC film	plasticized PVC film	plasticized PVC film
Adhesive	acrylic	acrylic	acrylic
Thickness	0.10 mm	0.15 mm	0.20 mm
Colors	yellow, orange, red, purple, light blue, blue, green, gray, brown, white, black	yellow, orange, red, purple, light blue, blue, green, gray, brown, white, black, green/yellow	yellow, orange, red, purple, blue, green, gray, brown, white, black
Widths	9, 12, 15, 19, 25, 30, 38 and 50 mm	9, 12, 15, 19, 25, 30, 38 and 50 mm	9, 12, 15, 19, 25, 30, 38 and 50 mm
Lengths	10, 25 and 33 m	4.5, 10, 25 and 33 m	10 and 20 m
Tensile strength	20 N/cm	25 N/cm	38 N/cm
Elongation at break	180%	190%	195%
Adhesion on steel	1.8 N/cm	2.0 N/cm	2.1 N/cm
Dielectric strength	> 40 kV/mm	> 40 kV/mm	> 40 kV/mm
Heat resistance	-10 to +105°C	-10 to +105°C	-10 to +105°C
Tested by	DIN EN 60454	DIN EN 60454	DIN EN 60454
Approval mark	VDE and ÖVE	VDE and ÖVE	

Coroplast 701 PE

Electrical insulating tapes based on PE



Coroplast 701 PE

For halogen-free, polypropylene-based wire harness tapes (available in several colors), see Coroflex 512 on page 9

Applications, advantages and properties

- › DIN EN 60454-3-12 F-PE/75/R-Tp Type 4
- › For electrical insulation work, particularly high-voltage insulation, insulation of high-frequency components, and for cable assembly

- › Acts as a water or water vapor barrier when wrapped in several overlapping layers
- › Halogen-free
- › Solvent-free
- › Very good resistance to low temperatures
- › High adhesion
- › Excellent resistance to ageing

Technical data	701 PE
Carrier	PE film
Adhesive	synthetic rubber
Thickness	0.15 mm
Colors	black, other colors available on request
Widths	9, 12, 15, 19, 25, 30, 38 and 50 mm
Lengths	10 and 25 m
Tensile strength	24 N/cm
Elongation at break	320%
Adhesion on steel	6.3 N/cm
Dielectric strength	> 40 kV/mm
Heat resistance	- 20 to +75°C

Corotex 800, 8005

Plastic-coated adhesive tape



Corotex 8005

Applications, advantages and properties

- › Universal adhesive textile adhesive tape for industry and trade, wiring installation and repair work, labeling and marking
- › Easy to tear by hand and write on
- › Good chemical resistance

- › High adhesion
- › Excellent resistance to ageing
- › Good resistance to cold and heat
- › Excellent electrical insulating properties
- › See color chart on pages 88/89

Corotex 8005

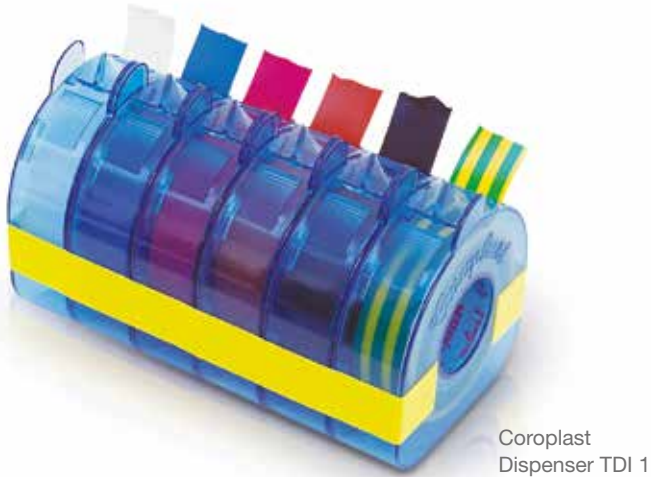
- › Rot-resistant textile polyester carrier

Technical data	Corotex 800	Corotex 8005
Carrier	acrylic-coated spun rayon fabric	acrylic-coated PET cloth
Adhesive	synthetic rubber	synthetic rubber
Thickness	0.28 mm	0.25 mm
Colors	yellow, red, blue, green, gray, brown, white, black	yellow, red, blue, green, gray, brown, white, black
Widths	6, 9, 12, 15, 19, 25, 30, 38 and 50 mm	9, 12, 15, 19, 25, 30, 38 and 50 mm
Lengths	2.5, 10, 25 and 50 m	25 and 50 m
Tensile strength	85 N/cm	85 N/cm
Elongation at break	10%	17%
Adhesion on steel	5.2 N/cm	4.0 N/cm
Heat resistance	- 40 to +90°C	- 40 to +105°C

Coroplast Dispenser TDI Coroplast BCR 26

Insulating tape dispenser

Pipe warning tape



Coroplast Dispenser TDI 1



Coroplast BCR 26

Applications, advantages and properties

- › Soft film adhesive tapes (e.g. Coroplast 301, 302, and 303) can be cut easily and perfectly using the special cutting mandrel
- › Easy to handle
- › No over-stretching of the adhesive tape and therefore reliable and perfect use of the tape
- › Protection of the adhesive tape against dirt down to the last layer of the roll
- › The color of the tape is visible at all times due to the transparent casing
- › The attractive individual packs have pictograms illustrating instructions for use (TDI 1)
- › The small tape dispensers (TDI 1) can easily be joined together to form a block, e.g. with textile adhesive tape Corotex 800, so that several colors are to hand at the same time (see picture)
- › Material: environment-friendly polystyrene

TDI 1
small dispenser, in single pack

TDI 302
small dispenser, in single pack and filled with Coroplast 302, 15 mm x 10 m, (please indicate color)

TDI 2
large dispenser, in single pack

Technical data	TDI 1	TDI 2
Recommended adhesive tape width	12, 15 mm	15, 19, 22 mm
Recommended length	4.5 and 10 m	25, 33 m

Applications, advantages and properties

- › Ensures early warning during excavation work on cable and pipe routes
- › Proven quality for many decades
- › Ageing and rot-resistant
- › Stable colors and permanent printing
- › Wide selection of texts available, including symbols and non-Latin characters

Technical data	BCR 26
Material	plasticized PVC
Strength	0,15 mm
Colors	yellow, blue and red
Standard printing tests	<ul style="list-style-type: none"> › Attention Gas Pipe › Attention High-voltage Cable › Attention Cable › Attention Low-voltage Cable › Attention Pipeline › Attention Power Cable › Attention Water Pipe
Widths	40, 80, 100 and 150 mm
Lengths	250 m

Coroplast counter and display stands



Coroplast revolving display stand 301, 302



Coroplast 1000, 1010



Coroplast 2000, 2010

Applications, advantages and properties

- › Contains the established insulating and adhesive tapes Coroplast 301, 302 and Corotex 800
- › For space-saving presentation of goods on the counter
- › Increased sales from a small display area
- › End-user-friendly sale of single rolls at the point of sale

Choose from:

1. Coroplast revolving display stand 301:

- › Most popular of our sales assortments
- › Our multi-product display stands with advertising card on the top
- › Solid metal design
- › Stable and non-tip
- › Filled with 104 rolls of Coroplast 301, 0.10 mm x 15 mm x 10 m, with 13 rolls of each color: black, white, red, yellow, green, blue, gray and brown

2. Coroplast revolving display stand 302:

- › Like revolving display stand 301, but filled with 104 rolls of Coroplast 302, 0.15 mm x 15 mm x 10 m

3. Coroplast 1000:

- › Practical wire stand
- › Stable and non-tip
- › Space-saving
- › Filled with 60 rolls of Coroplast 302, 0.15 mm x 15 mm x 10 m, with 10 rolls of each color: black, white, gray, red, green and blue

4. Coroplast 1010:

- › Like display stand 1000, but filled with 60 rolls of Coroplast 301, 0.10 mm x 15 mm x 10 m

5. Coroplast 2000:

- › Practical cardboard stand
- › Easy to handle
- › The presentation packaging functions as a selling aid.
- › Filled with 60 rolls of Coroplast 302, 0.15 mm x 15 mm x 10 m, with 10 rolls of each color: black, white, blue, gray, red and brown

6. Coroplast 2010:

- › Like display stand 2000, but filled with 60 rolls of Coroplast 301, 0.10 mm x 15 mm x 10 m

DIY packs



Sample single-material pack of textile adhesive tape



Sample single-material block combi-set



Sample single-material pack of insulating tape

Further retail packs:



Sample single-material 6-pack



Sample single-material 3-pack



Sample single-material 1-pack

Applications, advantages and properties

- › Customized design on request
- › Space-saving
- › Environment-friendly, single-material pack
- › With Euro hole
- › Contents highly visible
- › Choose contents individually

Standard assortment:

Coroplast single-material pack of insulating tape:

- › Filled with 6 rolls of Coroplast 302 in size 19 mm x 3.3 m, colors: yellow, blue, white, black, red, green

Coroplast single-material pack of textile adhesive tape:

- › Filled with 3 rolls of Corotex 800, 19 mm x 2.5 m, colors: green, yellow, red

Coroplast single-material block combi-set:

- › Sample contents:
 - 3 rolls of Coroplast 302 15 mm x 5 m, colors: white, black, blue
 - 2 rolls of Coroplast 302 12 mm x 5 m, colors: gray, red
 - 1 roll of Coroplast 302 19 mm x 5 m, Color: black
 - 3 rolls of Corotex 800 19 mm x 2.5 m, colors: yellow, red, green

Technical data:

See Coroplast insulating tape 302 and Corotex 800



Coroplast net bags



Coroplast round can, 20 m and 50 m



Applications, advantages and properties

- › Space-saving, minimalist packaging
- › Contents highly visible
- › Highly suitable packaging for sales campaigns
- › Contents of net can be flexibly adjusted according to product, dimensions and number of rolls readily variable
- › Goods label with promotional message and/or product information

Sample assortment:

- › Insulating tape net set – with 4 rolls of Coroplast 302, 15 mm x 10 m in black, blue, white and red.
- › Insulating tape net set – with 10 rolls of Coroplast 302, 12 mm x 3.3 m in purple, yellow, white, green, orange, black, brown, blue, gray and red
- › Textile adhesive tape net set – with 3 rolls of Corotex 800, 19 mm x 5 m in black, red and yellow

Technical data:

see Coroplast 301, 302 and 800

Applications, advantages and properties

Round tin, filled with classic Coroplast electrical insulating tape 302

Round tin, 50 m

Filled with one 50-m roll of insulating tape 302

- › 0.15 mm x 19 mm x 30 m, black
- › 0.15 mm x 19 mm x 12.5 m, red
- › 0.15 mm x 19 mm x 7.5 m, blue

Round tin, 20 m

Filled with one 20-m roll of insulating tape 302

- › 0.15 mm x 19 mm x 4 m, black, red, blue, brown, green/yellow

Also available as a Wuppertaler Talwaren version in a cardboard sleeve (www.talwaren.de).

Technical data:

see Coroplast 302 on page 31

Many other combinations are available, also with private labels. Please get in touch – we would be happy to supply you with your own DIY packs.

Technical insulation

HVAC, Sanitary





Plasticized PVC adhesive tapes	40
Pure aluminum adhesive tapes	41 – 45
Aluminum-laminated paper adhesive tape	45
Aluminum-clad adhesive tape	46 – 47
Accessories	47

Coroplast 252, 352 SE, 353

Plasticized PVC adhesive tapes

Applications, advantages and properties

- › DIN EN 60454-3-1 F-PVC/105/A-Tx Type 10
- › For sealing insulation films (e.g. Isogenopak), insulation jackets and sleeves, air conduits and pipelines
- › Suitable as anti-corrosion tape for pipelines and avoiding contact corrosion
- › Easy to apply, even at low temperatures
- › Outstanding UV and weather resistance, especially when using gray or black tapes or when wrapped in several overlapping layers
- › Very good ageing properties
- › Flame-retardant and self-extinguishing
- › Highly resistant to chemicals
- › Can be applied fold-free on all uneven surfaces due to high flexibility



Coroplast 352 SE

252

- › 33-m rolls for efficient sealing of insulating films; colors: light gray 788 and black

352 SE

- › With VDE approval mark, P-BHH-2014-1003, flame-retardant in accordance with DIN 4102, building material class B1
- › Anti-corrosion tape for internal pipelines and as assembly aid for conduit pipes (e.g. Wicu)
- › For sealing air conduits and for color labeling and marking, e.g. of flow media
- › Suitable for all electrical insulation work
- › Available in a range of colors

353

- › Anti-corrosion tape for exposed pipes (together with Coroplast Primer DP 035), in damp areas and in ship building
- › To avoid contact corrosion in metal constructions and advertisement displays
- › Also suitable for use in facade constructions due to UV resistance
- › Available in a range of colors

Technical data	252	352 SE	353
Carrier	plasticized PVC film	plasticized PVC film	plasticized PVC film
Adhesive	acrylic	acrylic	acrylic
Thickness	0.15 mm	0.15 mm	0.2 mm
Colors	black, light gray 788	Ivory, yellow, orange, red, purple, blue, green, light gray 788, gray, dark gray 741, silver, brown, white, black	yellow, orange, red, purple, blue, green, gray, brown, white, black
Widths	19, 25, 30, 38 and 50 mm	15, 19, 22, 25, 30, 38, 50, 75, 100, 150 and 200 mm	19, 25, 30, 38, 50, 75, 100, 120, 150 and 200 mm
Lengths	33 m	10 and 25 m	10 and 20 m
Tensile strength	25 N/cm	25 N/cm	38 N/cm
Elongation at break	190%	210%	210%
Adhesion on steel	2.0 N/cm	2.0 N/cm	2.2 N/cm
Adhesion to backing	2.2 N/cm	2.2 N/cm	2.3 N/cm
Temperature range	-10 to +105°C	-10 to +105°C	-10 to +105°C
Water vapor permeability	< 40 g/m ² x 24 h	< 40 g/m ² x 24 h	< 40 g/m ² x 24 h
Flammability DIN EN 60454	SE	SE	SE
Flammability DIN 4102		B1	

Coroplast ALU SE series

Pure aluminum adhesive tapes with synthetic rubber adhesive, flame retardant

Applications, advantages and properties

- › Flame-retardant pure aluminum adhesive tapes in accordance with DIN 4102, building material class B1
- › With approval mark P-BHH-2012-1010
- › For sealing intersections on aluminum-laminated insulating systems
- › For bonding ventilation pipes and air-conditioning ducts
- › Outstanding shear strength for the secure and durable sealing of insulation structures
- › Suitable for fabricating die-cut parts
- › Strong adhesive suitable for construction sites
- › Very strong adhesion and high initial tack
- › Functions as a water vapor barrier
- › Highly resistant to moisture
- › Outstanding ageing properties
- › High shear strength, even in varying temperatures



Coroplast 942 ALU SE

910 ALU SE

- › Flexible, strong aluminum carrier

930 ALU SE

- › Flexible adhesive tape; additional approval marks of the German BG Verkehr/Schiffssicherheit Steuerrad/Zul. Nr. 118.115 and Russian Register 14.00019.272



942 ALU SE

- › Thicker than standard-quality foil and therefore increased mechanical strength

944 ALU SE

- › Assembly adhesive tape ideal for apparatus engineering and manufacturing heat and insulating shields for automotive engineering

Technical data	910 ALU SE	930 ALU SE	942 ALU SE	944 ALU SE
Carrier	pure aluminum foil, soft, plain	pure aluminum foil, soft, plain	pure aluminum foil, soft, plain	pure aluminum foil, soft, plain
Adhesive	synthetic rubber	synthetic rubber	synthetic rubber	synthetic rubber
Covering	siliconized polyethylene film or release paper	siliconized polyethylene film or release paper	siliconized polyethylene film or release paper	siliconized polyethylene film or release paper
Carrier thickness	0.03 mm	0.025 mm	0.04 mm	0.05 mm
Thickness	0.06 mm	0.05 mm	0.08 mm	0.09 mm
Preference widths*	50, 70, 75 and 100 mm	50, 70, 75 and 100 mm	50, 75 and 100 mm	50, 75 and 100 mm
Lengths	100 m	100 m	50 m	50 m
Tensile strength	25 N/cm	20 N/cm	30 N/cm	35 N/cm
Elongation at break	5%	5%	5%	5%
Adhesion on steel	9.0 N/cm	9.0 N/cm	9.0 N/cm	9.0 N/cm
Temperature range	-40 to +80°C	-40 to +80°C	-40 to +80°C	-40 to +80°C
Water vapor permeability	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h
Building material class in acc. with DIN 4102 (test certificate)	B1	B1	B1	B1
BG Verkehr/Schiffssicherheit		steering wheel/no. 118.115		

* Also available in log rolls of up to 1 m (250, 300, 500 or 1,000 mm)

Coroplast AWX series

Pure aluminum adhesive tapes with acrylic adhesive

Applications, advantages and properties

- › With VDE approval mark, P-BHH-2015-1004, flame-retardant in accordance with DIN 4102, building material class B1 and for 1530 AWX: A2, P-BHH-2010-1002
- › For impermeable sealing of intersections in aluminum-laminated insulating mats
- › Suitable for manufacturing die-cut parts
- › Coated with acrylic adhesive that achieves very good adhesion, even on slightly damp surfaces and at extremely low temperatures
- › Easy to apply, even at temperatures as low as – 25°C
- › Strong adhesive suitable for construction sites
- › Outstanding water and vapor barrier
- › Moisture-proof
- › Excellent resistant to ageing
- › High shear strength, even at varying temperatures
- › Very strong adhesion and high initial tack

1510 AWX

- › Very flexible aluminum adhesive tape of the highest quality

1530 AWX

- › The economical version with reduced foil thickness, with approval mark DIN 4102, low flammability building material class B1 or A2, additional test certificate of the German BG Verkehr/Schiffssicherheit 118.213 (steering wheel) and Russian Register 14.00019.272

1542 AWX

- › Foil thicker than the standard quality and therefore increased mechanical strength
- › VOC approval, emission classification A +



Coroplast 1530 AWX

Coroplast 912 AWX on page 44

Technical data	1510 AWX	1530 AWX	1542 AWX
Carrier	pure aluminum foil, soft, plain	pure aluminum foil, soft, plain	pure aluminum foil, soft, plain
Adhesive	acrylic	acrylic	acrylic
Covering	siliconized polyethylene film or release paper	siliconized polyethylene film or release paper	siliconized polyethylene film or release paper
Carrier thickness	0.03 mm	0.025 mm	0.04 mm
Thickness	0.06 mm	0.05 mm	0.08 mm
Widths*	50, 70, 75 and 100 mm	50, 70, 75 and 100 mm	50, 75 and 100 mm
Lengths	100 m	100 m	50 m
Tensile strength	25 N/cm	20 N/cm	30 N/cm
Elongation at break	5%	5%	5%
Adhesion on steel	8.0 N/cm	8.0 N/cm	9.0 N/cm
Temperature range	– 40 to + 130°C	– 40 to + 130°C	– 40 to + 130°C
Water vapor permeability	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h
Flammability DIN 4102	B1	B1/A2	B1
BG Verkehr/Schiffssicherheit		steering wheel/no. 118.213	
VOC emission test			A +

* Also available in log rolls of up to 1 m (250, 300, 500 or 1,000 mm)

Coroplast 941, 948

Pure aluminum adhesive tapes with synthetic rubber adhesive

Applications, advantages and properties

- › For sealing intersections on aluminum-laminated insulating systems
- › For bonding ventilation pipes and air-conditioning ducts
- › Outstanding shear strength for the secure and durable sealing of insulation structures
- › Suitable for manufacturing die-cut parts
- › Strong adhesive suitable for construction sites
- › High adhesive strength and high initial tack
- › Functions as a water vapor barrier
- › Moisture-proof
- › Excellent resistant to ageing
- › High shear strength even in varying temperatures

941

- › Very strong aluminum adhesive tape for bonding construction materials and for window constructions, and as a repair tape and assembly tape in apparatus engineering
- › Flame-retardant in accordance with DIN 4102
- › High mechanical strength

948

- › For bonding aluminum-laminated insulating systems and pipe shells in coarse grain design
- › For the secure and impermeable sealing of insulation plates and systems that are laminated with coarse grain aluminum
- › Particularly suitable for element bonding, where very strong adhesion is required



Coroplast 948

Technical data	941	948
Carrier	pure aluminum foil, soft, plain	pure aluminum foil, soft, plain
Adhesive	synthetic rubber	synthetic rubber
Covering	siliconized polyethylene film or release paper	siliconized release paper
Carrier thickness	0.10 mm	0.04 mm
Thickness	0.14 mm	0.12 mm
Preference widths*	50, 75 and 100 mm	50, 75 and 100 mm
Lengths	50 m	50 m
Tensile strength	80 N/cm	26 N/cm
Elongation at break	5%	4%
Adhesion on steel	10.0 N/cm	15.0 N/cm
Temperature range	-40 to +80°C	-40 to +80°C
Water vapor permeability	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h

* Also available in log rolls of up to 1 m (250, 300, 500 or 1,000 mm).

Coroplast 912, 912 AWX

Reinforced aluminum adhesive tapes

Applications, advantages and properties

- › For sealing intersections on aluminum-laminated insulating mats
- › Visually perfect sealing on lamella mats through dense mesh structure (5 mm x 5 mm)
- › High mechanical strength
- › Strong adhesive suitable for construction sites
- › Very strong adhesion and high initial tack
- › Outstanding vapor barrier
- › Moisture-proof
- › Outstanding ageing properties
- › High shear strength, even at varying temperatures
- › With siliconized release film

912

- › Coated with strong synthetic rubber adhesive

912 AWX

- › Coated with acrylic adhesive that achieves very good adhesive strength, even on slightly damp surfaces and at extremely low temperatures



Coroplast 912

Technical data	912	912 AWX
Carrier	aluminum foil reinforced with fiberglass scrim (5 mm x 5 mm)	aluminum foil reinforced with fiberglass scrim (5 mm x 5 mm)
Adhesive	synthetic rubber	acrylic
Covering	siliconized release film	siliconized release film
Thickness	0.13 mm	0.13 mm
Preference widths*	50, 70, 75 and 100 mm	50, 70, 75 and 100 mm
Lengths	50 and 100 m	50 and 100 m
Tensile strength	30 N/cm	30 N/cm
Elongation at break	10%	10%
Adhesion on steel	6.0 N/cm	7.0 N/cm
Water vapor permeability	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h
Temperature range	-40 to +80°C	-40 to +130°C

* Also available in log rolls of up to 1 m (250, 300, 500 or 1,000 mm).

Coroplast 933 ALU black

Varnished aluminum adhesive tape

Applications, advantages and properties

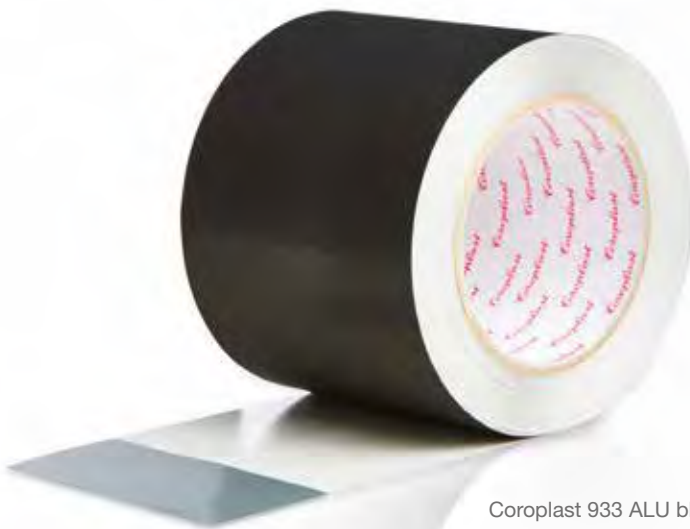
- › For sealing intersections on matt black surfaces
- › Suitable as assembly aid for rubber system sealings
- › Strong adhesive suitable for construction sites
- › Additional mechanical protection for rubber system sealings
- › No painting needed at black sealing intersections
- › No visible edge at insulating systems

Coroplast 936 ALU paper

Aluminum-laminated paper adhesive tape

Applications, advantages and properties

- › For sealing intersections in aluminum-laminated insulating systems in cases where no flame resistance in accordance with DIN 4102 is required
- › Functions as a water vapor barrier due to laminated aluminum foil
- › Excellent resistant to ageing
- › Applicable at low temperatures
- › High shear strength, even in varying temperatures
- › Easy to handle as it is easy to tear



Coroplast 933 ALU black



Coroplast 936 ALU paper

Technical data	933 ALU black	936 ALU paper
Carrier	aluminum foil, varnished black	high-strength paper laminated with pure aluminum foil
Adhesive	synthetic rubber	synthetic rubber
Covering	siliconized release paper	siliconized polyethylene film
Thickness	0.05 mm	0.11 mm
Preference widths	50, 70, 75 and 100 mm	50, 70, 75 and 100 mm
Lengths	50 m	100 m
Tensile strength	20 N/cm	45 N/cm
Elongation at break	5%	3%
Adhesion on steel	8.0 N/cm	8.0 N/cm
Water vapor permeability	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h
Temperature range	-40 to +80°C	-40 to +80°C

Coroplast 1232 X, 1233 X, 1336 X

Aluminum-clad adhesive tape

Applications, advantages and properties

- › Adhesive tape based on a special thermoplastic laminate compound with pure aluminum and/or PVC film
- › For sealing the intersections of insulation materials or, for example, materials with aluminum- or white-colored surfaces
- › Coated with acrylic adhesive that adheres very well to standard aluminum-clad systems
- › Resistant to UV and weathering through special carrier in combination with acrylic adhesive
- › Widths of up to 1,000 mm available, therefore suitable for large-scale systems, e.g. for industrial equipping of insulating materials
- › Suitable for many insulating systems e.g. Isogenotec® or Kaiflex® Protect
- › Secure seam bonding, even in subsequent moisture onset
- › Outstanding water and vapor barrier

- › Easy application at low temperatures
- › Strong adhesive suitable for construction sites
- › Covered with release paper
- › Very good resistance to cold and heat
- › Solvent-free
- › Resistant to ageing

1232 X

- › 4-ply structure with firm PVC layer, providing high mechanical strength
- › Sturdy

1233 X

- › 2-ply structure, economy version

1336 X

- › High-quality, white surface optic
- › 2-ply structure



Coroplast 1232 X



Coroplast 1336 X

Technical data	1232 X	1233 X	1336 X
Carrier	4-layer special composite film made of special thermoplastic, aluminum and PVC	2-layer special composite film made of special thermoplastic and aluminum	2-layer special composite film made of special thermoplastic and aluminum
Adhesive	acrylic	acrylic	acrylic
Covering	siliconized release paper	siliconized release paper	siliconized release paper
Colors	aluminum	aluminum	white
Thickness	0.12 mm	0.08 mm	0.08 mm
Widths	19, 25, 30 and 50 mm	19, 25, 30 and 50 mm	19, 25, 30 and 50 mm
Lengths	25 and 50 m	25 and 50 m	25 and 50 m
Tensile strength	65 N/cm	40 N/cm	120 N/cm
Elongation at break	50%	45%	45%
Adhesion on steel	12.0 N/cm	8.0 N/cm	8.5 N/cm
Temperature range	-40 to +120°C	-40 to +120°C	-40 to +120°C
Water vapor permeability	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h	< 1 g/m ² x 24 h

Coroplast 913, 918

Aluminum-colored adhesive tape

Applications, advantages and properties

- › Multi-purpose aluminum-colored polypropylene adhesive tape
- › Can be used as an assembly aid and for sealing films in the construction sector
- › Used from the roll without interliner
- › Highly tear-resistant
- › Outstanding ageing properties
- › Good shear strength

913

- › Stable PET carrier

918

- › Can also be used in packaging
- › Easy handling due to small core diameter

Coroplast Spatula

Applications, advantages and properties

- › Soft plastic spatula for professional application of pressure and smoothing of adhesive tapes
- › Particularly important for aluminum adhesive tapes for pressing down the edges and modeling the structure of the lamella mats with the adhesive tape
- › Applying pressure using the edges of the spatula is more effective than using your hand or a cloth. Increased activation of the adhesive and thus particularly good adhesion.
- › Handy size: 105 mm x 80 mm



Coroplast 918



Coroplast Spatula

Technical data	913	918
Carrier	PET foil	PP foil
Adhesive	acrylic	acrylic
Thickness	0.05 mm	0.05 mm
Colors	silver	silver
Widths	50, 75 and 100 mm	50, 75 and 100 mm
Lengths	50 and 100 m	50 and 100 m
Core	3"	1"
Tensile strength	40 N/cm	45 N/cm
Elongation at break	125%	150%
Adhesion on steel	2 N/cm	2,4 N/cm
Temperature range	-40 to +80°C	-40 to +80°C
Water vapor permeability	ca. 2.7 g/m ² x 24 h	ca. 3.0 g/m ² x 24 h

Please find our handling instructions online at www.coroplast.de

Loft conversion

For hermetic, windproof construction





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Coroplast RPX series

Best quality for loft conversion and house wrapping



Moisture-repellent

Coroplast RPX adhesive tapes are not affected by vapor or dripping water because the adhesive is extremely moisture-repellent. Adhesive tapes made with conventional dispersion adhesives allow water or moisture to seep underneath the edges, penetrate the adhesive and render it useless. That's why Coroplast RPX adhesive tapes are a much more reliable alternative, e.g. for applications in saunas and baths. Hydrophobized non-wovens will not be penetrated by moisture when using RPX adhesive.



High adhesive strength

Coroplast RPX adhesive tapes are equipped with UV cross-linked acrylates: a new generation of adhesives in the construction sector that provide maximum adhesive strength. These adhesives have been used in the automotive sector for many years with excellent results. The strong initial tack develops full adhesive strength after only a short time, ensuring the absolutely firm bonding of the adhesive tape.



Easy to use

Coroplast 1430 RPX is equipped with a special film backing that peels off the adhesive surface quickly, in one piece and without leaving any residue. Film backings offer an advantage over paper backings because they more or less automatically provide the user with an edge to peel it off during processing.



Very good shear resistance

Any adhesive used to bond sarking membranes needs to have high shear resistance, particularly if airtight adhesion of construction elements is required. Coroplast RPX adhesive tapes provide optimum shearing resistance for permanent airtight bonding in loft conversions and dry wall installations.



Can be applied from -10°C

We have formulated RPX adhesive tapes in a way that they remain firmly in place, even at low temperatures. Temperature resistance when bonded is permanently -40°C or +80°C and the adhesive does not become brittle or dry out.



Resistant to weathering

Coroplast 1410 RPX, 1420 RPX and 1430 RPX adhesive tapes provide lasting UV stability, which makes them perfect for outdoor applications. They can easily withstand natural weathering for at least three months – Coroplast 1410 RPX up to six months. They also ensure permanent ageing resistance since the adhesive does not become brittle.



Go green –

Working sustainably with RPX products

Environmentally friendly

The pressure-sensitive adhesives in the Coroplast RPX range are extremely environmentally friendly. No solvents are required in the production process, and only minimal quantities of water are used. The adhesive tapes are solvent-free and do not contain any formaldehyde or other environmentally harmful substances (e.g. emulsifiers, APEOs). Coroplast 1410 RPX and Coroplast 1430 RPX are Emicode-tested and bear the EC 1 plus mark – ideal preconditions for developing a healthy environment and residential air quality without contamination.



- › Certified quality
- › Emicode EC 1 plus
- › ISO TS 16949
- › Solvent-free
- › VOC-approved
- › No APEOs
- › Residential air quality emission-free

Coroplast 960 RPX

Tyvek® adhesive tape

Applications, advantages and properties

- › For bonding joints of diffusible sarking membranes and films or underlay seams of PP or PE fleeces or PE non-wovens (e.g. Tyvek®) for indoor and outdoor use
- › Equipped with a special acrylic adhesive, therefore moisture and water-resistant
- › High tensile strength longitudinally, can be torn laterally by hand
- › Very good flexibility at low temperatures and excellent resistance to ageing
- › Strong adhesive suitable for construction sites
- › High adhesive strength
- › Free of solvents, emulsifiers and other emulsion additives (APEOs)
- › Good adhesion to smooth or slightly rough surfaces
- › Weatherproof for approx. 3 months
- › Diffusible tape system ($S_d = 0.3$ m)

Coroplast 1420 RPX

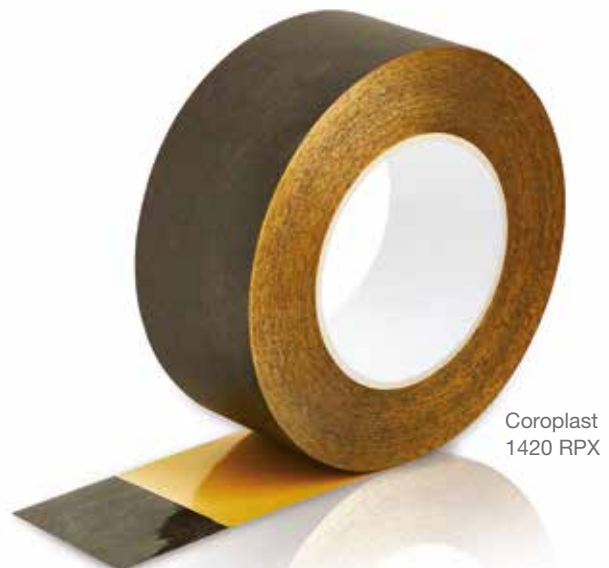
Special non-woven adhesive tape

Applications, advantages and properties

- › Particularly suitable for invisible bonding of black wall lining membranes behind partially open facades
- › For hermetically sealing overlapping areas of vapor retarders and barriers in accordance with DIN 4108-7
- › All-round adhesive tape with special acrylic adhesive for a strong grip in exterior and interior constructions
- › Strong adhesive suitable for construction sites
- › Diffusible PP non-woven
- › Excellent temperature resistance
- › Free of solvents, emulsifiers and other emulsion additives (APEOs)
- › Extremely good ageing properties
- › UV resistant and weatherproof for 3 months



Coroplast 960 RPX



Coroplast 1420 RPX

Technical data	Coroplast 960 RPX	Coroplast 1420 RPX
Carrier	non-woven (Tyvek®)	PP non-woven, black
Adhesive	acrylic	acrylic
Covering	repellent paper	repellent paper
Thickness	0.25 mm	0.4 mm
Widths	50, 60, 75 and 100 mm	50, 60, 75 and 100 mm
Lengths	45 and 50 m	25 m
Tensile strength	55 N/cm	35 N/cm
Elongation at break	15%	55%
Adhesion on steel	13 N/cm	16 N/cm
Temperature range	-40 to +100°C	-40 to +100°C

Coroplast 1410 RPX

Reinforced film adhesive tape

Applications, advantages and properties

- › For hermetically sealing interior penetration points (pipes, cables, rafters) of vapor retarders and barriers as well as PP or PE fleeces
- › For bonding film splices and underlay seams as well as other work where flexibility of the tape is required
- › Can be torn laterally
- › Ensures airtight layer in accordance with EnEV and DIN 4108-7
- › Coated with special acrylic adhesive with extremely high moisture resistance
- › Good adhesion to all smooth or slightly rough substrates (e.g. films, fleece, timber, plastic)
- › Strong adhesive suitable for construction sites
- › Outstanding ageing properties
- › Free of solvents, emulsifiers and other emulsion additives (APEOs)
- › Meets the strict requirements of GEV and is labeled with Ecode EC 1 plus
- › Weatherproof for approx. 6 months
- › Applicable at temperatures as low as -10°C
- › Strength tested by the Fraunhofer Institute
- › Centrally splitted liner (SL version) see page 55

Private labels: Customized printing and packaging in accordance with customer specifications possible



Coroplast 1410 RPX

Technical data	Coroplast 1410 RPX
Carrier	reinforced special polyethylene film
Adhesive	acrylic
Covering	repellent paper
Thickness	0.27 mm
Widths	50, 60, 75, 100 and 150 mm
Lengths	25 m
Tensile strength	20 N/cm
Elongation at break	150%
Adhesion on steel	16 N/cm
Temperature range	-40 to $+80^{\circ}\text{C}$

Coroplast 1430 RPX

Single-sided special paper adhesive tape

Applications, advantages and properties

- › Splash-water repellent special paper adhesive tape for ensuring the airtight construction in accordance with EnEV and DIN 4108-7
- › For hermetically sealing underlay seams, vapor retarders and barriers made of fleece, PP or PE
- › Coated with special, extremely moisture-resistant acrylic adhesive
- › Can be torn laterally
- › Equipped with a film interliner, thus no tearing or tearing off of the covering when processing
- › Good adhesion to all smooth or slightly rough substrates (e.g. films, fleece, timber, plastic)
- › Strong adhesive suitable for construction sites
- › Outstanding ageing properties
- › Free of solvents, emulsifiers and other emulsion additives (APEOs)
- › Meets the strict requirements of GEV and is labeled with Ecode EC 1 plus
- › Weatherproof for approx. 3 months
- › Applicable at temperatures as low as -10°C
- › Strength capacity tested by the Fraunhofer Institute
- › Centrally splitted liner (SL version) available on request, for 60 mm width also double-split liner (15 : 15 : 30) available, e.g. for sealing window profiles

Private labels: Customized printing and packaging in accordance with customer specifications possible



Coroplast 1430 RPX

Technical data	Coroplast 1430 RPX
Carrier	splash-water repellent special paper
Adhesive	acrylic
Covering	siliconized film
Thickness	0.30 mm
Widths	50, 60, 100, 120 and 150 mm
Lengths	40 m
Tensile strength	75 N/cm
Elongation at break	5%
Adhesion on steel	16 N/cm
Temperature range	-40 to $+100^{\circ}\text{C}$

Coroplast 1450 RPX

Double-sided adhesive tape

Applications, advantages and properties

- › Double-sided adhesive tape for hermetically sealing overlapping areas of vapor retarders and barriers made of fleece, PP or PE
- › For durable fixing of films to e.g. wooden beams, metal sections and stud frames
- › Good adhesion to all smooth or slightly rough substrates
- › Equipped with non-woven reinforcement and special acrylic adhesive with extremely high resistance to moisture
- › Paper interliner makes tapes easy to tear by hand
- › Strong adhesive suitable for construction sites
- › Very good ageing properties
- › Free of solvents, emulsifiers and other emulsion additives (APEOs)
- › Applicable at temperatures as low as -10°C



Coroplast 1450 RPX

Coroplast RPX-Patch

Special paper adhesive patch

Applications, advantages and properties

- › For hermetically sealing, e.g. openings in timber frame constructions and as a repair kit for vapor barrier sheeting
- › Based on Coroplast 1430 RPX
- › Equipped with special acrylic adhesive with extremely high resistance to moisture
- › Fingerlifts on longitudinal sides
- › Easy to tear at perforation
- › Good adhesion to all smooth or slightly rough substrates (e.g. films, fleece, timber, plastic)
- › Outstanding ageing properties
- › Free of solvents, emulsifiers and other emulsion additives (APEOs)
- › Weatherproof for approx. 3 months
- › Applicable at temperatures as low as -10°C
- › Also available for Coroplast types 960 RPX, 1410 RPX and 1420 RPX



Coroplast RPX-Patch

Technical data	1450 RPX	Coroplast RPX-Patch
Carrier	adhesive with non-woven reinforcement	splash-water repellent special paper
Adhesive	acrylic	acrylic
Covering	repellent paper	repellent paper
Thickness	0.2 mm	0.3 mm
Widths/moulded part	20 mm	160 mm x 160 mm; 240 mm x 250 mm
Lengths	20 m	20 m
Tensile strength	n.a.	75 N/cm
Elongation at break	n.a.	5%
Adhesion on steel	16 N/cm	16 N/cm
Temperature range	-40 to $+100^{\circ}\text{C}$	-40 to $+100^{\circ}\text{C}$

Hermetic attic sealing

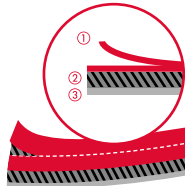
with a range of variations

Coroplast RPX adhesive tapes are specially designed for secure and durable sealing of vapor retarders and barriers on underlay seams of various types. Furthermore, they are used for sealing in wood frame construction and are also useful for repairing cavity wall insulation holes. We offer as many versions and product options as needed in the entire range of requirements for high-quality solutions in loft conversion, attic sealing and window profile penetration protection. For example, you can select RPX products as die-cut parts (patches) or as rolls. Moreover, we can offer special versions for individual requirements, e.g. splitted liner versions or equipped with a practical fingerlift for easy handling.

Rolls with splitted liner (SL version):

To handle sealing applications in corners or splices of membranes at roof beams, purlins or windows easily, a splitted liner can be very helpful. While bonding one part of the adhesive tape by removing half of the liner, the other part can be kept covered and used later separately.

- ① Liner, splitted
- ② Adhesive
- ③ Carrier



Rolls:

Especially suitable for hermetically sealing longer joints on vapor retarders or interior film splice penetration points and corners in wood frame constructions. You can choose from several widths from 50 mm to 330 mm, so that parts that do not fit flush can also be sealed hermetically.

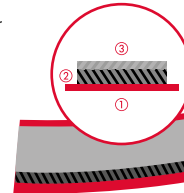
Die-cut parts (patches):

Coroplast RPX patches are used for sealing and repairing cavity wall insulation holes. We offer 160 mm x 160 mm patches but they are also ideal for repairing larger holes or damages, e.g. 250 mm x 240 mm.

Fingerlift:

You can optionally select RPX products with fingerlifts on both longitudinal sides. This may accelerate the application process, as the liner can be removed easily from the tape. Coroplast RPX patches can also be ordered with fingerlifts.

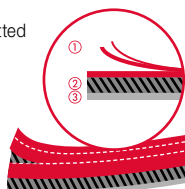
- ① Overlapping liner
- ② Adhesive
- ③ Carrier



Rolls with double splitted liner:

For some special applications a single splitted liner might not be sufficient. We therefore offer RPX products in widths of e.g. 60 mm or more with a liner that is split twice. The liner can be splitted centrally first and 10 mm or 15 mm from the edge the second time. The narrower strip can then be used for bonding window profiles in the first step, the other strips can be removed for hermetically sealing several airtight layers.

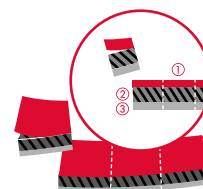
- ① Liner, double-splitted
- ② Adhesive
- ③ Carrier



Perforations/patches:

We supply Coroplast patches with fully perforated carriers, adhesives, and liners – in defined lengths. The patches are therefore easy to tear off from the roll in uniform sizes and no additional cutting tools are required. Also available with splitted liners, e.g. as SL-version patch.

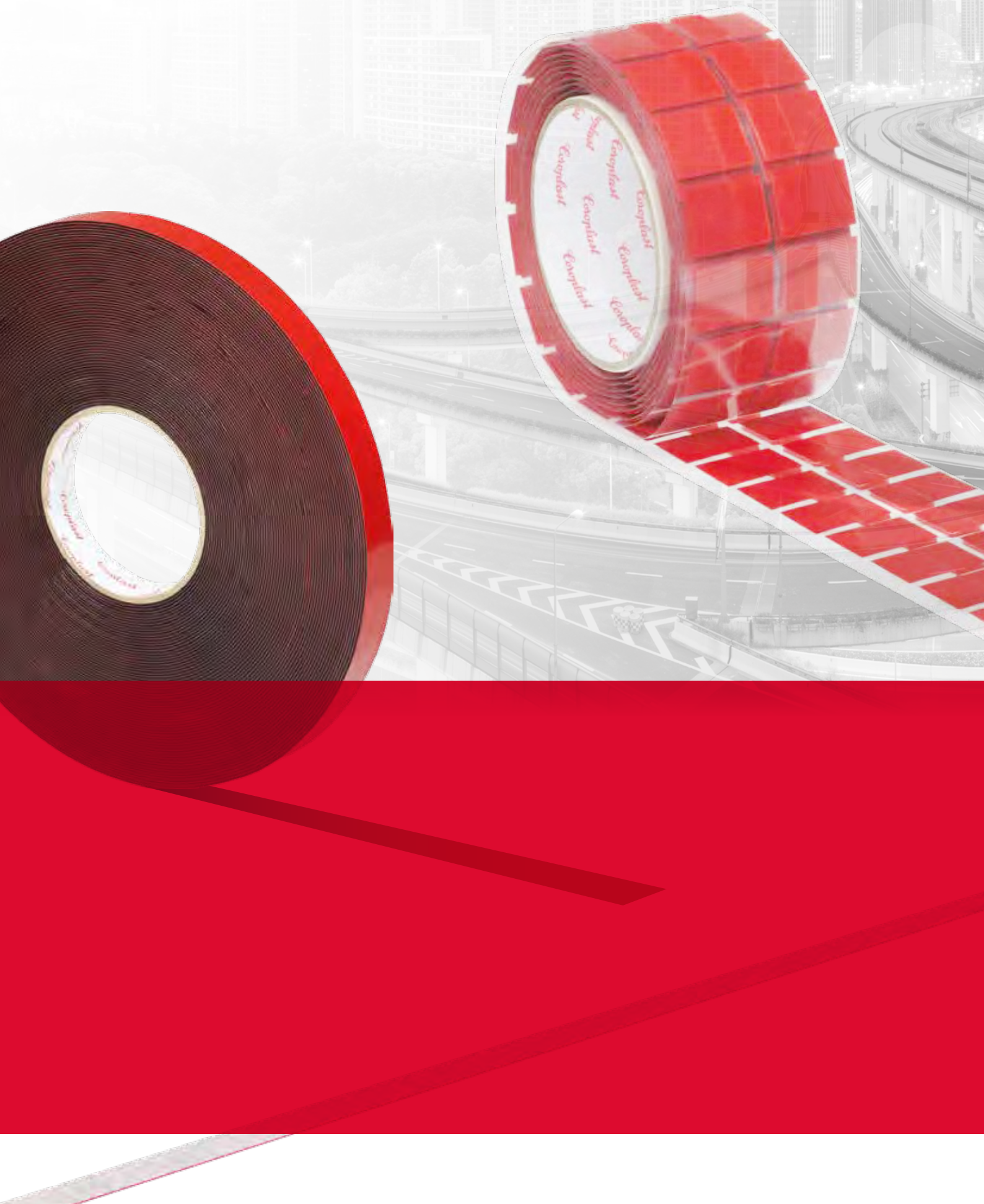
- ① Liner
- ② Adhesive
- ③ Carrier

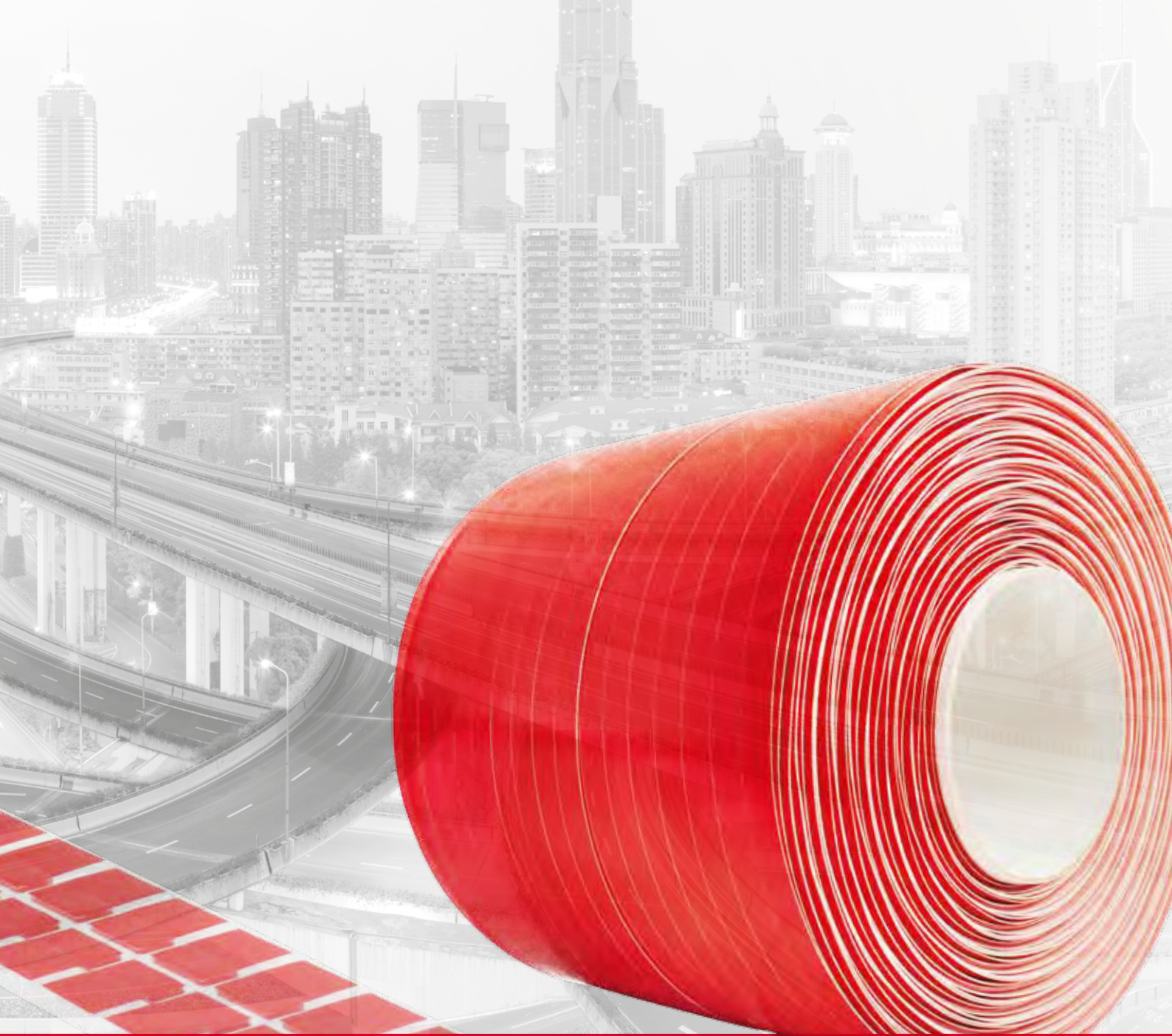


We specialize in providing adhesive tape in many different versions – customized to suit your individual requirements and applications – try us!

Fastening and joining tape systems

Double-sided adhesive systems for industrial and automotive applications





Adhesive tape information: Single-sided and double-sided adhesive tapes	58
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Single-sided and double-sided adhesive tapes

We manufacture your adhesive tape to meet your production requirements because we know that state-of-the-art, effective productivity is essential when working with adhesive tapes.

We can offer you expert knowledge of adhesives for a range of adhesive systems, such as:

- › Acrylic masses
- › UV cross-linked acrylic
- › Synthetic rubber
- › Solvent-based acrylic
- › Dispersion acrylic

We also offer a wide range of product and packaging options:



Rolls:

You can order our tapes on single rolls with a range of core diameters (standard 3") and lengths – with additional overlapping liners if required. We also offer log rolls or converter rolls on request.



Level wound spools:

Appropriate for machine applications, we can offer a range of tapes on level wound spools. Product widths of 4 mm to 29 mm are available (depending on material). To accelerate the application process you can order level wound spools with overlapping liners.



Die-cut parts:

We can offer you die-cut parts custom-designed to meet your specifications. Choose from a range of product options: on rolls, on sheets, single parts, perforated, with or without fingerlifts or overlapping liners.

We manufacture to meet your individual requirements. Furthermore, we offer customized consultation for your application and are happy to support you in optimizing your process by integrating our products.

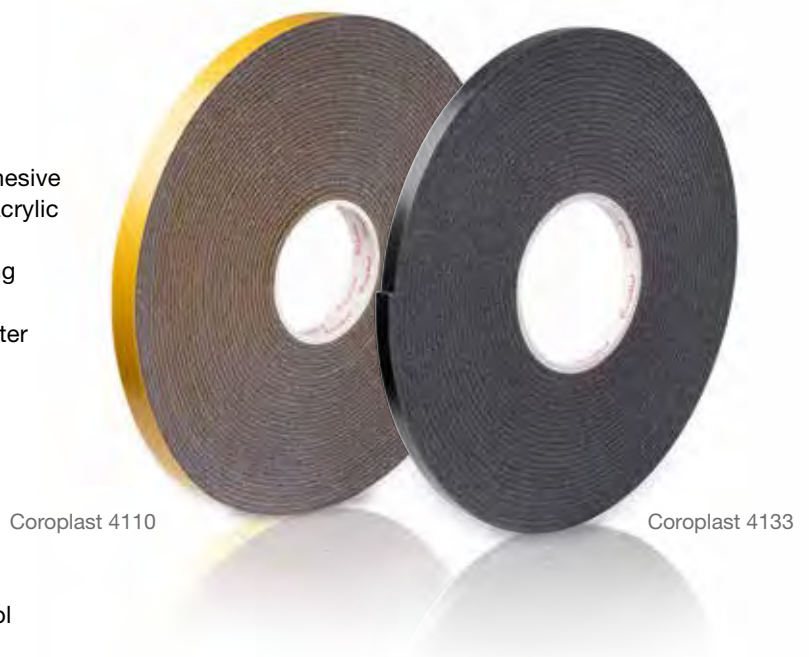
We specialize in providing adhesive tape in many different versions, customized to suit your individual requirements and applications – try us!

Coroplast 4000 series

Subseries 4100: Single-sided PE foam tape

Applications, advantages and properties

- › Closed-cell, single-sided polyethylene foam adhesive tapes, coated with solvent-free, VOC-reduced acrylic adhesive
- › For sealing, insulating, protecting and cushioning of various materials
- › Strong initial tack, but can be corrected soon after start of adhesion
- › Very good final adhesion
- › Outstanding ageing properties
- › Available in thicknesses of 1.0 mm to 6.0 mm, depending on design
- › Suitable for indoor and outdoor use
- › Easy handling for manual application in the glass industry
- › Can be supplied as single roll, level wound spool or die-cut part



4110, 4112, 4170, 4175

- › PE foam with paper interliner

4122, 4123, 4124

- › PE foam with film interliner and reinforcement on the adhesive side

4132, 4133, 4134, 4135, 4136

- › PE foam with solid laminated film, without interliner for easy application

Technical data	4110	4112	4122	4123	4124
Carrier	PE foam	PE foam	PE foam, reinforced	PE foam, reinforced	PE foam, reinforced
Colors	white	white	white, anthracite	white, anthracite	white, anthracite
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Thickness	1.5 mm	2.0 mm	2.0 mm	3.0 mm	4.0 mm
Liner	siliconized paper, honey	siliconized paper, honey	PP film, white	PP film, white	PP film, white
Elongation at break	300%	250%	120%	120%	150%
Tensile strength	40 N/25 mm	35 N/25 mm	35 N/25 mm	50 N/25 mm	65 N/25 mm
Adhesion on steel	12 N/25 mm	20 N/25 mm	13 N/25 mm*	13 N/25 mm*	15 N/25 mm*
Temperature range	-40 to 80°C	-40 to 80°C	-40 to +80°C	-40 to +80°C	-40 to +80°C

Technical data	4132	4133	4134	4135	4136	4170/4175
Carrier	PE foam with solid laminated film	PE foam with solid laminated film	PE foam with solid laminated film	PE foam with solid laminated film	PE foam with solid laminated film	PE foam
Colors	white, anthracite	white, anthracite	white, anthracite	white, anthracite	white, anthracite	4170: white 4175: anthracite
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic	dispersion acrylic
Thickness	2.0 mm	3.0 mm	4.0 mm	5.0 mm	6.0 mm	1.0 mm
Liner	no interliner	no interliner	no interliner	no interliner	no interliner	siliconized paper, honey
Elongation at break	140%	140%	180%	150%	150%	150%
Tensile strength	40 N/25 mm	45 N/25 mm	55 N/25 mm	70 N/25 mm	80 N/25 mm	30 N/25 mm
Adhesion on steel	14 N/25 mm*	14 N/25 mm*	14 N/25 mm*	14 N/25 mm *	14 N/25 mm*	25 N/25 mm*
Temperature range	-40 to +80°C	-40 to +80°C	-40 to +80°C	-40 to +80°C	-40 to +80°C	-40 to +80°C

* Foam split

Coroplast 4000 series

Subseries 4200, 4210: Double-sided foam adhesive tapes with acrylic adhesive, solvent-free



Coroplast 4210 F

Applications, advantages and properties

- › PE foam adhesive tapes for the durable bonding of strips, profiles and muntin bars
- › Coated with moisture-resistant acrylic adhesive for indoor and outdoor application
- › Solvent-free and VOC-reduced
- › Outstanding ageing properties
- › High resistance to chemicals and other external influences
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, plastics (e.g. PC, ABS, PS, unplasticized PVC) and smooth wood
- › Very good initial tack and final adhesion
- › High shear strength and good temperature resistance
- › Varying densities, depending on your application
- › Can be supplied in converter rolls or single rolls, level wound spool or die-cut part, depending on size

Technical data	4210, 4215	4212, 4217	4213	4202 F	4203 F	4204 F
Carrier	PE foam	PE foam	PE foam	PE foam	PE foam	PE foam
Colors	4210: white 4215: anthracite	4212: white 4217: anthracite	white	white, anthracite	white, anthracite	white, anthracite
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Thickness	1.0 mm	1.6 mm	2.0 mm	2.0 mm	3.0 mm	4.0 mm
Liner	version F: siliconized film, red version P: repellent paper, white	version F: siliconized film, red version P: repellent paper, white	version F: siliconized film, red version P: repellent paper, white	siliconized film, red	siliconized film, red	siliconized film, red
Elongation at break	300%	200%	300%	140%	160%	160%
Tensile strength	25 N/25 mm	35 N/25 mm	35 N/25 mm	25 N/25 mm	35 N/25 mm	50 N/25 mm
Adhesion on steel	35 N/25 mm*	20 N/25 mm*	35 N/25 mm*	20 N/25 mm*	20 N/25 mm*	25 N/25 mm*
Shear strength	100 min***	100 min***	100 min***	2,000 min**	1,500 min**	1,500 min**
Temperature range	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +90°C

* Foam split; ** 23 °C, 1.0 kg, 625 mm²; *** 23 °C, 500 g, 100 mm²

Coroplast 4000 series

Subseries 4240, 4250: Double-sided foam adhesive tapes with acrylic adhesive



Coroplast 4250 F

Applications, advantages and properties

- › PE foam adhesive tapes with various densities for durable bonding of strips, profiles and muntin bars
- › Test certificates of the LGA and IFT Rosenheim confirm suitability for installation purposes in the window and glass industry, the glazing trade and furniture industry (including 4240/4245)
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, plastics (e.g. PC, ABS, PS, PVC) and smooth wood
- › When high standards of strength and durability are required
- › Good initial tack and excellent final adhesion
- › Suitable for indoor and outdoor use

- › Outstanding ageing properties
- › High resistance to chemicals and other external influences
- › Can be supplied as converter roll, single rolls, level wound spools or die-cut parts, depending on size

4250, 4251

- › Excellent temperature resistance
- › PE foam with high density, particularly suitable for bonding emblems and strips

4257

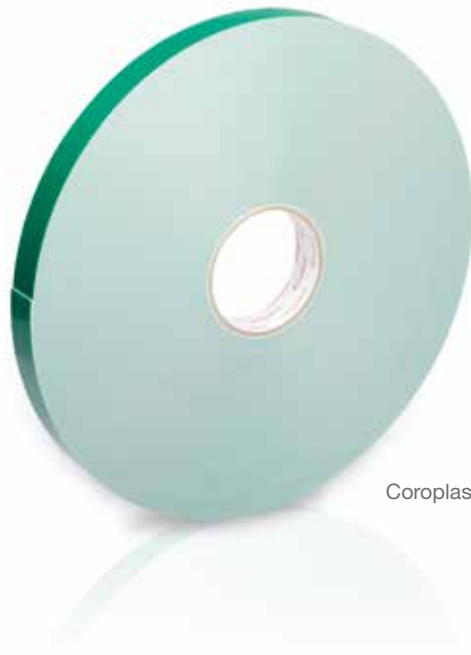
- › Special PE foam with outstanding stress absorption for dry glazing

Technical data	4240, 4245	4242, 4247	4243 F	4250	4251	4257 F
Carrier	PE foam	PE foam	PE foam	PE foam	PE foam	PE foam
Colors	4240: white 4245: anthracite	4242: white 4247: anthracite	white	black	black	black
Adhesive	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic	solvent-based acrylic
Thickness	1.0 mm	1.6 mm	3.0 mm	0.8 mm	0.4 mm	2.1 mm
Liner	version F: siliconized film, green version P: repellent paper, white	version F: siliconized film, green version P: repellent paper, white	siliconized film, green	version F: siliconized film, green version P: repellent paper, white	version F: siliconized film, green version P: repellent paper, white	siliconized film, green
Elongation at break	300%	200%	160%	400%	550%	350%
Tensile strength	25 N/25 mm	35 N/25 mm	35 N/25 mm	50 N/25 mm	40 N/25 mm	70 N/25 mm
Adhesion on steel	25 N/25 mm*	25 N/25 mm*	17 N/25 mm*	25 N/25 mm	25 N/25 mm	20 N/25 mm
Shear strength**	> 10,000 min	> 10,000 min	2,000 min	> 10,000 min	> 10,000 min	> 10,000 min
Temperature range	-40 to +90°C	-40 to +90°C	-40 to +90°C	-40 to +120°C	-40 to +120°C	-40 to +100°C

* Foam split; ** 20 °C, 500 g, 100 mm²

Coroplast 4000 series

Subseries 4260: Double-sided foam adhesive tapes with modified acrylic adhesive



Coroplast 4260 F

Applications, advantages and properties

- › PE foam adhesive tapes for the durable bonding of ledges, trim and profiles.
- › Suitable for joining and bonding many different substrates, e.g. glass, smooth wood, plastics (e.g. PC, ABS, PS, unplasticized PVC, PP) and metal as well as structured and powder-coated surfaces
- › Good initial tack and excellent final adhesion, even on critical, low-energy substrates
- › Suitable for indoor and outdoor use
- › Outstanding ageing properties
- › Good temperature range
- › High resistance to chemicals and other external influences
- › Can be supplied in converter rolls or single rolls, level wound spool or die-cut part, depending on size

Technical data	4260, 4265	4263
Carrier	PE foam	PE foam
Colors	4260: white 4265: anthracite	white
Adhesive	mod. solvent-based acrylic	mod. solvent-based acrylic
Thickness	1.0 mm	3.0 mm
Liner	version F: siliconized film, green version P: repellent paper, white	version F: siliconized film, green version P: repellent paper, white
Elongation at break	300%	160%
Tensile strength	25 N/25 mm	35 N/25 mm
Adhesion on steel	25 N/25 mm*	17 N/25 mm*
Shear strength**	180 min	100 min
Temperature range	-40 to +80°C	-40 to +80°C

* Foam split; ** 20 °C, 500 g, 100 mm²

Coroplast 4000 series

Subseries 4280 P, 4290 P: Double-sided foam adhesive tapes with synthetic rubber adhesive



Coroplast 4290 P

Applications, advantages and properties

- › PE foam, multi-purpose adhesive tapes with well-balanced adhesion and shear strength
- › Can be used as an assembly aid and for bonding signs, hooks, strips, and profiles, even on low-energy substrates
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, smooth wood, plastics (e.g. PC, PA, ABS, PS, PE, PP, unplasticized PVC)
- › Suitable for indoor use

- › Good ageing properties
- › Can be supplied on converter rolls, single rolls, level wound spools or as die-cut parts, depending on size

4289 P, 4291 P

- › LGA test certificates confirm suitability for use in the furniture industry

4294 P

- › PE foam with high density, particularly suitable for bonding emblems

Technical data	4289 P	4290 P, 4295 P	4291 P	4292 P, 4297 P	4293 P, 4298 P	4294 P
Carrier	PE foam	PE foam	PE foam	PE foam	PE foam	PE foam
Colors	white	4290 P: white 4295 P: anthracite	white	4292 P: white 4297 P: anthracite	4293 P: white 4298 P: anthracite	white
Adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive	synthetic rubber adhesive
Thickness	1.0 mm	1.0 mm	0.8 mm	1.6 mm	3.0 mm	0.4 mm
Liner	siliconized paper, white-blue	repellent paper, white	siliconized paper, white-blue	repellent paper, white	repellent paper, white	siliconized paper, white-blue
Elongation at break	250%	200%	330%	200%	175%	480%
Tensile strength	22 N/25 mm	35 N/25 mm	28 N/25 mm	40 N/25 mm	29 N/25 mm	35 N/25 mm
Adhesion on steel	23 N/25 mm	25 N/25 mm	32 N/25 mm*	25 N/25 mm*	17 N/25 mm	22 N/25 mm*
Shear strength	> 10,000 min	1,000 min	> 10,000 min	1,000 min**	> 10,000 min	> 10,000 min
Temperature range	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C

* Foam split; ** 20 °C, 500 g, 100 mm²

Coroplast 6000 series

Transfer adhesive tapes



Coroplast 6005

Applications, advantages and properties

- › Adhesive film covered with double-sided, siliconized covering paper or with film
- › For laminating and self-adhesive preparation of different materials such as felt, non-wovens, paper, foam, film or textiles
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, wood, or plastics (e.g. PC, PA, ABS, PS, PVC, PP, PE)
- › Can be supplied in converter rolls, single rolls, or depending on size

6005

- › Multi-purpose adhesive film with good, well-balanced adhesion and shear strength; with UV cross-linked acrylic adhesive
- › For self-adhesive preparation of labels, forms or signs; for indoor and outdoor use
- › Also available in thicknesses up to 200 mg

6040

- › Multi-purpose adhesive film with very good shear strength and excellent final adhesion, coated with solvent-based acrylic adhesive
- › Excellent temperature resistance
- › Suitable for indoor and outdoor use
- › Suitable for self-adhesive preparation of, e.g. signs, labels and emblems
- › Also available in thicknesses of up to 130 mg

6090

- › Adhesive film based on synthetic rubber for self-adhesive preparation of many materials with good shear strength and excellent adhesion
- › Also suitable for bonding materials with low-energy surfaces (PP, PE, unplasticized PVC)
- › Typical fields of application include self-adhesive preparation of indoor signs, emblems and strips
- › Also available in thicknesses of up to 130 mg

Other transfer films with a range of adhesive preferences and thicknesses are available.

Technical data	6005	6040	6090
Carrier	none	none	none
Adhesive	UV acrylic	solvent-based acrylic	synthetic rubber
Thickness	0.06 mm	0.06 mm	0.06 mm
Liner	siliconized paper, white	siliconized paper, white	siliconized paper, white
Adhesion on steel	25 N/25 mm	20 N/25 mm	30 N/25 mm
Shear strength*	100 min	> 10,000 min	2,000 min
Temperature range	-40 to +100°C	-40 to +125 °C	-40 to +70°C

* 20 °C, 500 g, 100 mm²

Coroplast 7000 series

Subseries 7210: Double-sided adhesive tapes with acrylic adhesive, solvent-free



Coroplast 7215

Applications, advantages and properties

- › Thin, double-sided adhesive tapes coated with UV-cross-linked acrylic adhesive
- › For laminating and self-adhesive preparation of various materials such as signs, emblems and profiles
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, pre-treated wood and plastics (e.g. PC, PA, ABS, PS)
- › Solvent-free and VOC-reduced
- › Very good ageing properties
- › Outstanding initial and final adhesion and good shear strength
- › Can be supplied in converter rolls or single rolls, depending on size, or as die-cut parts

7211, 7213

- › High adhesive strength
- › Particularly suitable for bonding cellular rubber EPDM and foam rubber

Technical data	7210	7211	7212	7213	7215	7218
Carrier	PET film, 23µm, transparent	PET film, 12µm, transparent	PET film, 12µm, transparent	Scrim, white	paper non-woven	PVC film, 90µm, white
Adhesive	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic	UV acrylic
Thickness	0.12 mm	0.20 mm	0.10 mm	0.13 mm	0.10 mm	0.20 mm
Covering	siliconized paper, honey	siliconized paper, white	siliconized paper, white	siliconized paper, white	siliconized paper, honey	siliconized paper, honey
Elongation at break	110%	110%	110%	n.a.	6%	200%
Tensile strength	130 N/25 mm	130 N/25 mm	130 N/25 mm	n.a.	25 N/25 mm	80 N/25 mm
Adhesion on steel	30 N/25 mm	30 N/25 mm	30 N/25 mm	35 N/25 mm	25 N/25 mm	40 N/25 mm
Shear strength*	300 min	300 min	300 min	35 min	100 min	120 min
Temperature range	-40 to +100°C	-40 to +100°C	-40 to +100°C	-40 to +80°C	-40 to +100°C	-40 to +100°C

* 20°C, 500 g, 100 mm²

Coroplast 7000 series

Subseries 7240, 7260, 7280: Double-sided adhesive tapes with acrylic adhesive



Coroplast 7240

Applications, advantages and properties

- › Thin, double-sided adhesive tapes coated with solvent-based or dispersion acrylic adhesives
- › For laminating and self-adhesive preparation of various materials such as signs, emblems and decorative trim, as well as for splicing paper and film webs
- › Suitable for joining and bonding many different substrates, e.g. metal, glass and various types of plastic
- › High shear strength and adhesion
- › Can be supplied as converter roll, single roll, level wound spool or as die-cut part, depending on size

7240

- › Thin polyester-film carrier, adhesive tape with very good ageing properties and very high final adhesion, outstanding heat resistance, suitable for indoor and outdoor use

7260

- › Thin polyester-film carrier coated with modified acrylic adhesive, also suitable for low-energy surfaces, for indoor and outdoor use, very strong final adhesion

7280

- › Double-sided thin paper non-woven carrier with dispersion acrylic adhesive for indoor use

Technical data	7240	7260	7280
Carrier	PET film, 23 µm, transparent	PET film, 23 µm, transparent	paper non-woven
Adhesive	solvent-based acrylic	mod. solvent-based acrylic	dispersion acrylic
Thickness	0.15 mm	0.15 mm	0.13 mm
Covering	siliconized paper, white	siliconized paper, white	siliconized paper, honey
Elongation at break	110%	110%	6%
Tensile strength	130 N/25 mm	130 N/25 mm	25 N/25 mm
Adhesion on steel	20 N/25 mm	30 N/25 mm	40 N/25 mm
Shear strength*	4,000 min	5,000 min	40 min
Temperature range	-40 to +125 °C	-40 to +80°C	-40 to +80°C

* 20 °C, 500 g, 100 mm²

Coroplast 7000 series

Subseries 7290: Double-sided adhesive tapes with synthetic rubber adhesive



Coroplast 7290

Applications, advantages and properties

- › Thin double-sided adhesive tapes coated on both sides with a synthetic rubber adhesive, for indoor and outdoor use
- › For laminating and self-adhesive preparation of various materials such as signs, emblems and trim, as well as for splicing paper and film webs
- › Suitable for joining and bonding many different substrates, e.g. metal, glass, wood, and a range of plastics (e.g. PC, PA, ABS, PP/PE or unplasticized PVC)
- › Can be supplied on converter rolls, single rolls or level wound spools, depending on size, or as die-cut parts

7292

- › Thin double-sided adhesive tape with polyester film carrier
- › Open side coated with synthetic rubber adhesive, covered side coated with a light acrylic adhesive that can be easily removed from most surfaces
- › Open side with very good initial and final adhesion, even on low-energy surfaces
- › Fields of application include the self-adhesive preparation of foam sheets for storage and transportation protection in the glass, wood and metal industries

Technical data	7290	7292	7293
Carrier	paper non-woven	polyester film, 23µm, transparent	polyester film, 23µm, transparent
Adhesive	synthetic rubber	synthetic rubber (open side)	synthetic rubber
Thickness	0.12 mm	0.09 mm	0.13 mm
Covering	siliconized paper, white	siliconized paper, white	siliconized paper, white
Elongation at break	10%	80%	100%
Tensile strength	25 N/25 mm	130 N/25 mm	150 N/25 mm
Adhesion on steel	25 N/25 mm	20 N/25 mm (open side) 1 N/25 mm (covered side)	25 N/25 mm
Shear strength*	700 min	2,000 min (open side)	2,000 min
Temperature range	-40 to + 80°C	-40 to + 80°C	-40 to + 80°C

* 20 °C, 500 g, 100 mm²

Coroplast 9000 series – high-performance adhesive tapes

Designed for use in extremely demanding applications

Coroplast 9000 SPT series superior-performance adhesive tapes are characterized by their homogeneous, uniformly acrylic adhesive composite. As a result, their performance is far superior to conventional double-sided foam adhesive tapes.

Whether in industrial applications or in the automotive sector, using Coroplast Series 9000 SPT high-performance adhesive tapes is a reliable and economical method for durably bonding a broad range of materials. In many cases, Coroplast superior-performance adhesive tapes can replace mechanical joining methods, such as screws, rivets, spot welds or soldering.



Coroplast 9306 SPT

Coroplast Series 9000 SPT is as multifaceted as its fields of application:

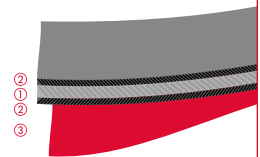
- › Automotive industry
- › Aerospace and shipping industry
- › Windows and wall paneling
- › Advertising and displays
- › Furniture industry
- › Electronics industry
- › Electrical appliances
- › Windows and doors

Ideal for bonding:

- › Decorative and protective strips
- › Attachments, accessories
- › Emblems and cladding
- › Profile seals
- › Damping plates
- › Window systems, blinds, brackets
- › Reinforcement profiles, signs, scales, seals
- › LEDs, PCB

Adhesive tape structure (schematic):

- ① Closed-cell, self-adhesive and homogeneous acrylic mass (in various thicknesses and colors)
- ② Double-sided modifications of adhesion to increase the adhesion on special substrates: e.g. using heat-activated adhesive or modified acrylic adhesive
- ③ Liner (paper or film)



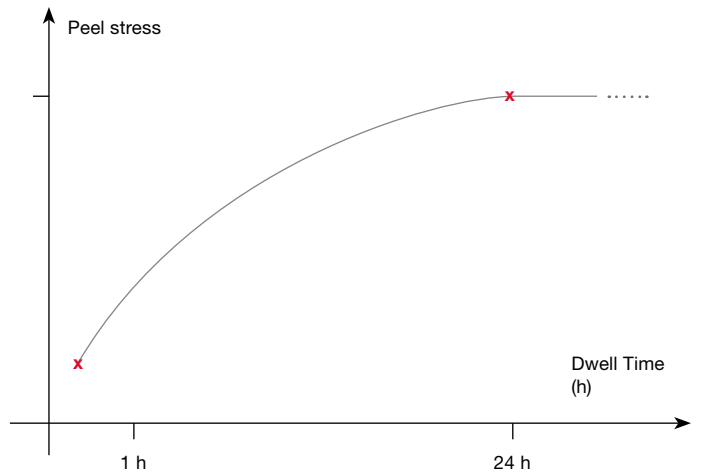
The performance profile of the Series 9000 SPT includes the following aspects:

- › Excellent adaptability to the bonding components
- › High stress absorption due to its visco elastic behavior
- › Good shock resistance
- › High inner strength
- › Good ageing properties and long-term durability
- › Good temperature and media resistance
- › Good resistance to plasticizers
- › Excellent final bond strength

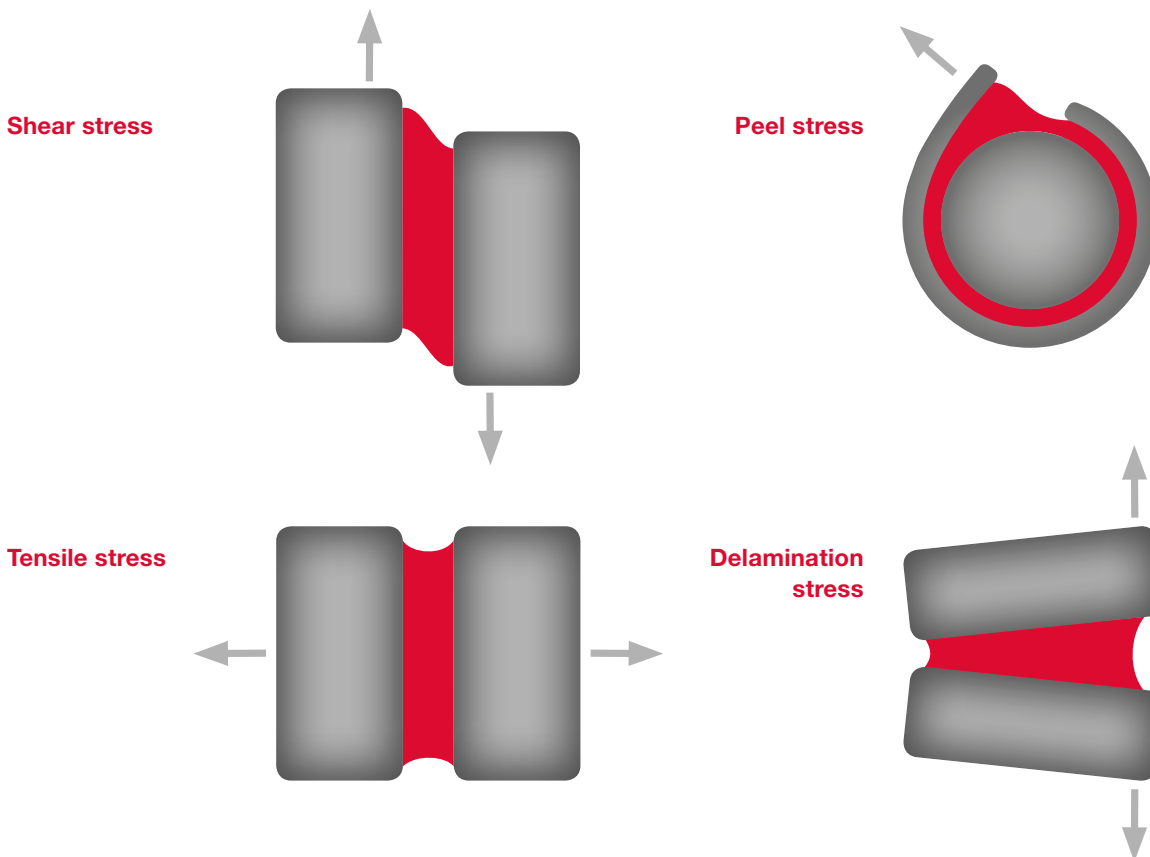
Application information:

In order to take advantage of the performance profile of the Coroplast high-performance tape Series 9000 SPT, it is important to follow the processing instructions as well as the recommended dwell times. Final bond strength is reached after 24 hours.

We recommend that you always conduct an application-oriented test to confirm product suitability before using Coroplast SPT high-performance adhesive tapes.



Mechanical stress situations in bonding and adhesion technology where adhesive tapes of Coroplast 9000 SPT series are particularly suitable due to stress absorption:



Coroplast 9000 SPT series

Subseries 9000: High-performance adhesive tapes, transparent

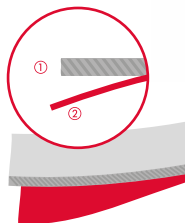


Coroplast 9005 SPT

Applications, advantages and properties

- › Highly transparent and very elastic acrylic adhesive mass with good, well-balanced performance profile
- › Particularly suitable for applications that require highly transparent and permanent adhesive tape
- › Multi-purpose tape for indoor and outdoor use
- › Applications include bonding metal and glass, transparent plastics, signs, profiles and emblems
- › Excellent adhesion and shear strength values
- › Adhesive tape thickness between 0.05 mm and 3.0 mm are available
- › Can be supplied in converter rolls, single rolls, level wound spools, die-cut parts or in DIY packaging (assembly set) in a pillow pack (e.g. 9005 SPT) upon request

- ① acrylic mass transparent
- ② release liner



Technical data	9001 SPT	9002 SPT	9003 SPT	9005 SPT	9010 SPT	9015 SPT	9020 SPT	9025 SPT	9030 SPT
Adhesive	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass
Colors	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color	transparent, no color
Thickness	0.05 mm	0.13 mm	0.25 mm	0.5 mm	1.0 mm	1.5 mm	2.0 mm	2.5 mm	3.0 mm
Covering	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red
Elongation at break	n.a.	n.a.	750%	750%	750%	750%	750%	750%	600%
Tensile strength	n.a.	n.a.	10 N/25 mm	10 N/25 mm	14 N/25 mm	29 N/25 mm	25 N/25 mm	25 N/25 mm	25 N/25 mm
Adhesion to steel	25 N/25 mm	25 N/25 mm	35 N/25 mm	25 N/25 mm	25 N/25 mm	29 N/25 mm	25 N/25 mm	25 N/25 mm	30 N/25 mm
Shear strength	10,000 min*	10,000 min*	10,000 min*	2,000 min*	1,000 min*	1,000 min*	> 10,000 min**	> 10,000 min**	1,500 min*
Temperature range	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C	-40 to +120°C

* 23 °C, 500 g, 100 mm², ** 23 °C, 1.0 kg, 100 mm²

Coroplast 9000 SPT series

Subseries 9100: High-performance adhesive tapes, gray

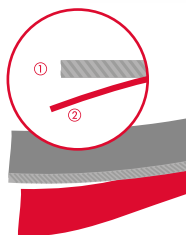


Coroplast 9108 SPT

Applications, advantages and properties

- › Highly elastic, closed-cell, gray acrylic adhesive mass with very good ability to adapt to bonding components
- › Multi-purpose tape for indoor and outdoor use
- › Typical applications include mounting of strips, profiles, muntin bars or a variety of plastic and metal parts
- › Excellent temperature resistance
- › Outstanding adhesion and shear strength
- › Adhesive tape thickness between 0.4 mm and 1.5 mm are available
- › Can be supplied in converter rolls, single rolls, level wound spool or die-cut parts

- ① acrylic mass gray
- ② release liner



Technical data	9104 SPT	9106 SPT	9108 SPT	9111 SPT	9115 SPT
Adhesive	acrylic mass	acrylic mass	acrylic mass	acrylic mass	acrylic mass
Colors	gray	gray	gray	gray	gray
Thickness	0.4 mm	0.6 mm	0.8 mm	1.1 mm	1.5 mm
Covering	PE film, red	PE film, red	PE film, red	PE film, red	PE film, red
Elongation at break	600%	550%	600%	500%	600%
Tensile strength	6 N/25 mm	8 N/25 mm	14 N/25 mm	16 N/25 mm	20 N/25 mm
Adhesion on steel	25 N/25 mm	34 N/25 mm	25 N/25 mm	25 N/25 mm	28 N/25 mm
Shear strength*	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min	> 10,000 min
Temperature range	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C

* 23 °C, 500 g, 100 mm²

Coroplast 9000 SPT series

Subseries 9300: High-performance adhesive tapes, white

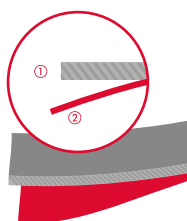


Coroplast 9306 SPT

Applications, advantages and properties

- › Highly elastic, closed-cell, white acrylic adhesive mass with very good flexibility to bonding components
- › Multi-purpose tape for indoor and outdoor use
- › Typical applications include mounting of strips, profiles, muntin bars or accessories made of metal and plastics
- › Excellent temperature resistance
- › Outstanding adhesion and shear strength values
- › Adhesive tape thickness of 0.6 mm and 1.1 mm are available
- › Can be supplied as converter roll, single roll, level wound spool or die-cut part

- ① acrylic mass, white
- ② release liner



Technical data	9306 SPT	9311 SPT
Adhesive	acrylic mass	acrylic mass
Colors	white	white
Thickness	0.6 mm	1.1 mm
Covering	PE film, red	PE film, red
Elongation at break	550%	600%
Tensile strength	9 N/25 mm	19 N/25 mm
Adhesion on steel	25 N/25 mm	25 N/25 mm
Shear strength*	> 10,000 min	> 10,000 min
Temperature range	-40 to +120°C	-40 to +120°C

* 23 °C, 500 g, 100 mm²

Coroplast 9000 SPT series

Subseries 9400: High-performance adhesive tapes, colored, translucent

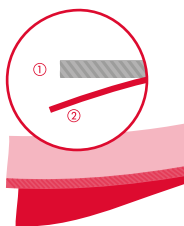


Coroplast 9410 SPT

Applications, advantages and properties

- › Colored, translucent adhesive tape made of a highly elastic acrylic adhesive mass with very good ability to adapt to bonding components
- › Particularly suitable for applications that require a slightly translucent adhesive surface, e.g. for the glass furniture and metal fittings industries and for coloring of glass objects
- › Range of colors and thicknesses available
- › Multi-purpose tape for indoor and outdoor use
- › Very good adhesion and shear strength
- › Can be supplied as converter roll, single roll, level wound spool or die-cut part

- ① acrylic mass colored, translucent
- ② release liner

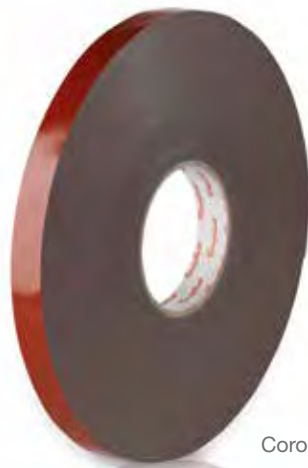


Technical data	9404 SPT	9410 SPT
Adhesive	acrylic mass	acrylic mass
Colors	black-translucent, other colors available on request	black-translucent, other colors available on request
Thickness	0.4 mm	1.0 mm
Covering	PE film, red	PE film, red
Elongation at break	750 %	750 %
Tensile strength	12 N/25 mm	12 N/25 mm
Adhesion on steel	25 N/25 mm	25 N/25 mm
Shear strength*	1,000 min.	1,000 min
Temperature range	-40 to + 90°C	-40 to + 90°C

* 23 °C, 500 g, 100 mm²

Coroplast 9000 SPT series

Subseries 9700, 9900: High-performance adhesive tapes, modified



Coroplast 9711 SPT

Applications, advantages and properties

- › Modified acrylic masses on both sides with high adaptability to bonding components and excellent performance profile
- › Highly elastic acrylic adhesive with very strong immediate adhesion, e.g. to automotive and powder coatings, or to high- or low-energy surfaces
- › High flexibility and therefore optimal for tight radiuses and bonding on curves
- › Multi-purpose tape for indoor and outdoor use
- › Typical applications include the self-adhesive preparation of trim, profiles, seals and strips in the automotive and supply industry

- › Excellent temperature resistance
- › Outstanding adhesion and shear strength values
- › Can be supplied as converter roll, single roll, level wound spool or die-cut part

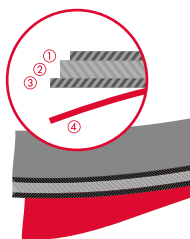
9708 SPT, 9711 SPT

- › Coated on both sides with modified acrylic adhesive

9904 SPT, 9908 SPT, 9911 SPT, 9915 SPT

- › Coated on both sides with a modified acrylic adhesive – for optimal immediate and final adhesion on non-polar surfaces

- ① modified acrylic
- ② gray acrylic core
- ③ modified acrylic
- ④ release liner



example of the product structure (schematic) of Coroplast 9915 SPT

Technical data	9708 SPT	9711 SPT	9904 SPT	9908 SPT	9911 SPT	9915 SPT
Adhesive	acrylic mass, modified	acrylic mass, modified	acrylic mass, modified	acrylic mass, modified	acrylic mass, modified	acrylic mass, modified
Colors	gray	gray	gray	gray	gray	gray
Thickness	0.8 mm	1.1 mm	0.5 mm	0.9 mm	1.2 mm	1.6 mm
Covering	siliconized film, red	siliconized film, red	siliconized film, green	siliconized film, green	siliconized film, green	siliconized film, green
Elongation at break	650%	600%	600%	600%	700%	700%
Tensile strength	25 N/25 mm	30 N/25 mm	0.7 N/25 mm	0.9 N/mm ²	1.0 N/mm ²	1.0 N/mm ²
Adhesion on steel*	100 N/25 mm	100 N/25 mm	50 N/25 mm	60 N/25 mm	70 N/25 mm	70 N/25 mm
Adhesion on acrylic paint*	55 N/25 mm	60 N/25 mm	27 N/25 mm	30 N/25 mm	60 N/25 mm	60 N/25 mm
Temperature range	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C

* 90 °C peel off after 72 h, reinforced with aluminum

Coroplast 9000 SPT series

Subseries 9000 SPT HA: High-performance adhesive tapes, heat-activated



Coroplast 9708 SPT HA

Applications, advantages and properties

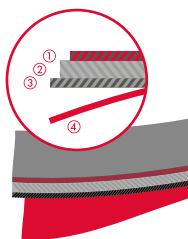
- › Heat-activated and modified acrylic masses with good ability to adapt to bonding components and excellent performance profile
- › Side 1 consists of a heat-activated layer for fixing the tape on elastomeric components, e.g. EPDM rubber profiles; side 2 is coated with a layer of modified adhesive with strong initial tack on, e.g. automotive coatings, or on high- or low-energy surfaces
- › Typical applications include bonding seals or the self-adhesive preparation of strips, profiles, cover plates, etc.

- › High flexibility and therefore optimal for tight radiuses and bonding on curves
- › Multi-purpose tape for indoor and outdoor use
- › Very broad resistance to temperature fluctuations
- › Outstanding adhesion and shear strength
- › Can be supplied as single roll and as level wound spool
- › For industrial use, technical heat-activation equipment is required; please enquire for further details.

9904 SPT HA, 9908 SPT HA, 9911 SPT HA

- › Modified adhesive for optimal initial tack and final adhesion on non-polar surfaces

- ① heat-activated adhesive
- ② gray acrylic core
- ③ modified acrylic
- ④ release liner



Technical data	9708 SPT HA	9711 SPT HA	9904 SPT HA	9908 SPT HA	9911 SPT HA
Adhesive	acrylic mass page 1: heat-activated page 2: modified	acrylic mass page 1: heat-activated page 2: modified	acrylic mass page 1: heat-activated page 2: modified	acrylic mass page 1: heat-activated page 2: modified	acrylic mass page 1: heat-activated page 2: modified
Colors	gray	gray	gray	gray	gray
Thickness	0.8 mm	1.1 mm	0.5 mm	0.9 mm	1.1 mm
Covering	siliconized film, red	siliconized film, red	siliconized film	siliconized film	siliconized film
Elongation at break	450%	500%	600%	450%	500%
Tensile strength	13 N/25 mm	15 N/25 mm	0.7 N/25 mm	0.9 N/mm ²	15 N/25 mm
Adhesion on steel*	100 N/25 mm	100 N/25 mm	50 N/25 mm	60 N/25 mm	70 N/25 mm
Adhesion on acrylic paint*	55 N/25 mm	60 N/25 mm	27 N/25 mm	55 N/25 mm	60 N/25 mm
Adhesion on EPDM*	100 N/25 mm	100 N/25 mm	100 N/25 mm	100 N/25 mm	100 N/25 mm
Temperature range	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C	-40 to + 120°C

* 90 °C peel-off after 72 h, reinforced with aluminum

Coroplast double-sided adhesive tapes

In pillow packs



Coroplast 4240 P

Applications, advantages and properties

- › Double-sided adhesive tapes in attractive retail packaging as a complete set, also for consumer or DIY markets
- › With euro hole and EAN code
- › Large viewing window with transparent film
- › Space-saving, promotional packaging
- › Set contents: 1 roll of double-sided adhesive tape, handling and assembly instructions, small application spatula and 2 cleaning tissues

Set 1: Mirror adhesive tape

- › Including 1 roll of Coroplast 4240 double-sided PE foam adhesive tape, 19 mm x 1.5 m

Set 2: High-performance adhesive tape SPT

- › Including 1 roll of Coroplast 9005 SPT high-performance adhesive tape, 19 mm x 1.5 m

Set 3: High-performance adhesive tape for difficult surfaces

- › Including 1 roll of Coroplast 9911 SPT high-performance adhesive tape, 19 mm x 1.5 m

Technical data: See product description

Coroplast cleaning tissue



Coroplast Cleaning Tissue

Applications, advantages and properties

- › Cleaning tissue impregnated with isopropanol for pre-cleaning slightly soiled surfaces before adhesion
- › For single use
- › Contains no silicon or other substances that are commonly found in rinsing and cleaning agents that prevent durable adhesion
- › Please follow our general application instructions for applying double-sided adhesive tapes.
- › Tissue size: approx. 135 mm x 195 mm
- › Pack size: 93 mm x 60 mm

Coroplast hand dispenser

For double-sided adhesive tapes

Applications, advantages and properties

- › The hand dispenser is stable, compact, and suitable for simple and economical dispensing of adhesive tapes with interliners. The liner is automatically rolled onto a mandrel during the dispensing process. The tape is torn off by means of an integrated serrated knife. The hand dispenser is also equipped with an unwind brake and an ergonomically designed handle.
- › Core barrel for 3" rolls
- › Maximum adhesive tape width: 50 mm
- › Device hand dispenser: H: 210 mm x W: 200 mm



Coroplast Hand Dispenser

Dispenser for level wound spools and application tools for die-cut parts

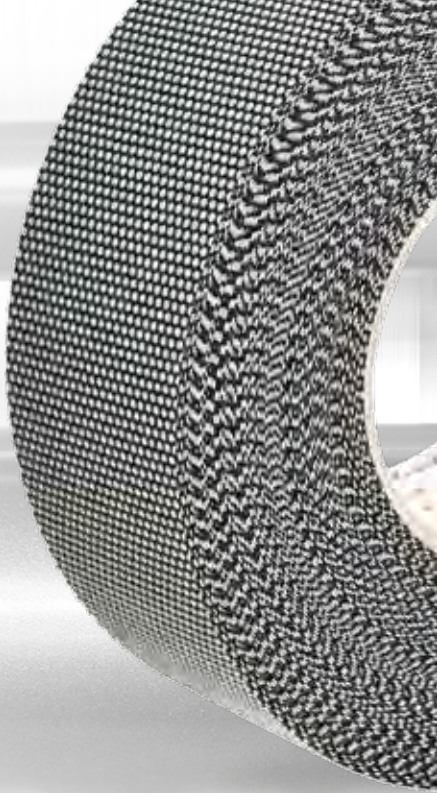
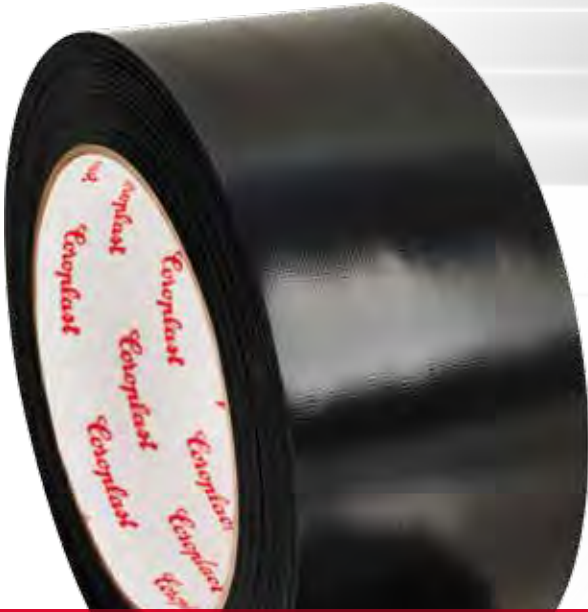
We work closely with leading engineering manufacturers of semi-automatic and fully automatic application tools and dispensers. Test our know-how!



LW 400 made by Honigmann Industrielle Elektronik GmbH

Please find our handling instructions online at www.coroplast.de

Special applications





Adhesive repellent and grip tapes	80 – 81
Non-adhesive tapes and films based on plasticized PVC	82
Transparent PVC adhesive tapes	83 – 84
Transparent PET adhesive tape	85
Anti-corrosion tape based on PE	86
Anti-corrosion primer	87
Duct tape	87

Coroplast 810 X, 811 X, 812 X

Adhesive repellent and grip tapes

Applications, advantages and properties

- › Cost-effective alternative to complex, industrial, roller-applied finishes such as non-stick coatings or rubber surfaces
- › Suitable wherever drums, rollers, pulleys or surfaces in the production process must be protected against abrasion, wear or substances/materials becoming attached
- › Reliably prevent sensitive strip products from damage after contact with rollers
- › Special silicone rubber coating generates improved grip or non-stick properties while preventing adhesives or other sticky materials from becoming attached
- › Coated with special acrylic adhesive composition assuring very high shear strength
- › Good adhesion on metal surfaces and a excellent kneading resistance
- › Very good removable after use or wear of adhesive tape
- › For providing rollers or pulleys (including those with a small diameter) with a non-slip and adhesive-repellent finish and for minimizing wrinkles and folds when spiral- or helical-wrapping rollers from the center outwards
- › Easy to tear laterally by hand and high tensile strength



Coroplast 811 X



Sample: Coroplast 812 X (black/anthracite tape) used to cover roller when winding on adhesive tape (red tape)



Coroplast 812 X

Technical data	810 X	811 X	812 X
Material/surface finish	Silicone rubber on PET cloth, smooth layer	Silicone rubber dimples on PET cloth	Silicone rubber plus rubber dimples on PET cloth
Thickness EN 1942	0.43 mm	0.52 mm	0.55 mm
Adhesion on steel EN 1939 (11/96)	> 6 N/cm	> 6 N/cm	> 6 N/cm
Temperature range	-40 to +150°C	-40 to +150°C	-40 to +150°C

Application properties and suitability

Moisture resistance	•••	••	•••
Adhesive shear resistance	•••	•••	•••
Repellant to adhesives	••	••	•••
Repellant to bitumen/butyl	••	•••	•••
Abrasion-resistant carrier	•••	••	•••
Hand tearable	••	••	••
Strong adhesive force to rollers and shafts	•••	•••	•••
Distinct anti-slip properties (grip)	•••	•	••
Media- and moisture-resistant adhesive	•••	•••	•••
Durable grip surface	•••	••	•••
Easy, residue-free removal	•••	•••	•••
Temperature-resistant adhesive	•••	•••	•••

• good performance, •• very good performance, ••• excellent performance



Coroplast 810 X



Coroplast 811 X



Coroplast 812 X

Coroplast 810 X
Grip and adhesive repellent tape

- › Carrier completely coated with silicone rubber
- › Dull silicone surface with retarding effect
- › Superior grip thanks to large contact surface area
- › Noise reduction during the production of self-adhesive webs with direct roller contact
- › Supports web control (tensioning) in the paper processing industry
- › Economical solution for finishing and protecting rollers or pulleys

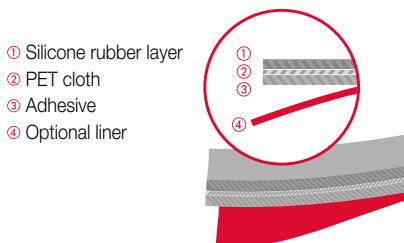
Coroplast 811 X
Extra adhesive repellent tape

- › Carrier equipped with silicone rubber dimples
- › Excellent repellent properties to adhesives and bitumen/butyl
- › Reduced contact with adhesives thanks to silicone dimples
- › Robust, long-lasting adhesive tape
- › Noise reduction during the production of self-adhesive webs with direct roller contact

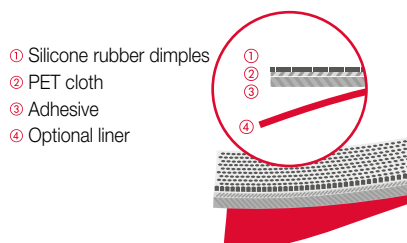
Coroplast 812 X
Premium adhesive repellent tape

- › Carrier completely coated with silicone rubber and additional silicone rubber dimples
- › Significantly reduced contact with adhesives thanks to full-surface coating with silicone rubber and additional silicone rubber dimples
- › Very long-lasting
- › Outstanding repellent properties to almost all adhesives and bitumen/butyl

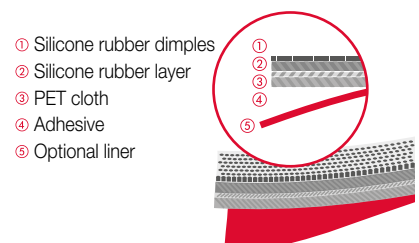
Structure Coroplast 810 X:



Structure Coroplast 811 X:



Structure Coroplast 812 X:



Coroplast Cable Tapes

Non-adhesive tapes and films based on plasticized PVC



Applications, advantages and properties

- › For bundling cable harnesses and insulating during cable assembly
- › As masking material in the electroplating industry
- › For fabricating insulating sheaths for conduit pipes and for use in technical insulation

- › Depending on type and formulation, Coroplast cable tapes possess excellent mechanical properties, high elasticity and flexibility, can be printed on and welded
- › High resistance to ageing
- › Flame-retardant (depending on formulation)
- › Very good resistance to chemicals
- › Special versions in accordance with customer specifications possible

Standard versions	BB-32	BB-36	BC-32
Application	electrical insulation and building services, sanitation and insulating sector	electrical engineering, wire harnesses, cable fittings	electrical engineering, wire harnesses, cable fittings
Strengths	0.15 mm	0.15 mm	0.20 mm
Colors	light gray 788, black	yellow, gray	transparent
Widths	20, 30, 50, 80 and 100 mm	15, 20, 25, 30, 40, 50, 60 and 100 mm	15, 20, 25, 30, 40, 50, 60 and 100 mm
Lengths	10 and 25 m	100 m	100 m

Properties	
Material	plasticized PVC
Shore hardness	shore D 60–A 91
Thickness	0.10 mm to 0.50 mm
Colors	black, gray, transparent, light gray 788, yellow, special colors on request
Widths	10 to 600 mm
Lengths	any, limited by the maximum outer diameter (445 mm)
Core forms	wound with or without core

Coroplast 331, 332

Transparent adhesive tapes based on plasticized PVC



Coroplast 331, 332

Applications, advantages and properties

- › Multi-purpose, transparent adhesive tape
- › Binding tape for the orthopedic sector
- › For bundling and bandaging cables and wires
- › Closure patch for cans and boxes
- › For insulating armatures and coils
- › As an assembly aid
- › Very good resistance to ageing
- › very soft, ductile film

Technical data	331	332
Carrier	plasticized PVC film	plasticized PVC film
Adhesive	acrylic	acrylic
Thickness	0.10 mm	0.15 mm
Colors	transparent	transparent
Widths	9, 12, 15, 19, 25, 30, 38 and 50 mm	9, 12, 15, 19, 25, 30, 38 and 50 mm
Lengths	10 and 25 m	10 and 25 m
Tensile strength	22 N/cm	30 N/cm
Elongation at break	180%	190%
Adhesion on steel	2.1 N/cm	2.1 N/cm
Temperature range	-40 to +90°C	-40 to +90°C

Coroplast 902, 904

Adhesive films for laminating book covers and maps



Coroplast 902, 904

Applications, advantages and properties

- › For laminating and protecting books, drawings, maps and documents
- › Excellent transparency
- › Outstanding resistance to ageing
- › Permanent protection
- › Grid marks on the backing paper enable straight and right-angled cutting edges
- › Wipeable surface
- › Can be written on

902

- › Weaker adhesive allows correction of the initial application

904

- › Strong adhesive, particularly suitable for structured surfaces, linen bindings, etc.

Technical data	902	904
Carrier	plasticized PVC film	plasticized PVC film
Adhesive	acrylic	acrylic
Backing	siliconized paper with grid pattern, red	siliconized paper with grid pattern, green
Thickness	0.10 mm	0.10 mm
Colors	transparent, matt	transparent, matt
Widths	500 and 1,000 mm	500 and 1,000 mm
Lengths	10 and 25 m	10 and 25 m
Tensile strength	17 N/cm	17 N/cm
Elongation at break	130%	130%
Adhesion on steel	2.1 N/cm	3.5 N/cm
Temperature range	-10 to +90°C	-10 to +90°C

Coroplast 1335 XE

Single-sided PET film adhesive tape



Coroplast 1335 XE

Applications, advantages and properties

- › Transparent polyester film adhesive tape with very strong, modified acrylic adhesive
- › Ideally suitable for fastening and assembling flat cables (e.g. FPC, FFC harnesses) in the automotive industry on substrates free of release agents, e.g. on headliners, molded parts, door panels, etc.
- › For bonding plastic and non-wovens and as an assembly aid
- › Strong, solvent-free acrylic adhesive
- › Excellent tear resistance of film carrier
- › Resistant to ageing and rotting
- › Very good shear strength
- › Very good resistance to cold and heat
- › Low-emission and halogen-free

Technical data	1335 XE
Carrier	PET film
Adhesive	acrylic
Thickness	0.10 mm
Colors	transparent
Widths	25, 30 and 50 mm
Lengths	25 and 50 m
Tensile strength	55 N/cm
Elongation at break	100%
Adhesion on steel	9.0 N/cm
Temperature range	-40 to +105°C

Coroplast 1000 PE series

Anti-corrosion tape, PE-based



Coroplast 1053 PE

Applications, advantages and properties

- › Polyethylene adhesive tapes as final wrapping on bitumen or butyl-coated welds of steel pipes, which offer secure mechanical protection
- › Anti-corrosion tape for installation pipes
- › Application advice: use Coroplast Primer DP 035
- › Excellent resistance to ageing
- › Strong adhesion, even on tape backing
- › Can also be used at low temperatures
- › Functions as water vapor barrier when wrapped in several layers
- › Excellent electrical insulating properties

1051 PE

- › High flexibility

1053 PE

- › Sealing tape in air duct construction, for sealing in prestressed concrete structures as sealing tape for pipes carrying cold fluids, for protecting masts

1054 PE

- › As additional mechanical protection of high-grade stainless-steel pipes (e.g. in wastewater treatment plants)
- › Adhesive tape for protecting underground pipelines
- › Anti-corrosion tape for conduit pipes laid in masonry

1056 PE

- › Same as 1054 PE but provides greater mechanical load capacity

Technical data	1051 PE	1053 PE	1054 PE	1056 PE
Carrier	polyethylene film	polyethylene film	polyethylene film	polyethylene film
Adhesive	synthetic rubber	synthetic rubber	synthetic rubber	synthetic rubber
Thickness	0.15 mm	0.20 mm	0.25 mm	0.40 mm
Colors	black	black	black	black
Widths	19, 25, 30, 38, 50, 75 and 100 mm	19, 25, 30, 38, 50, 75 and 100 mm	19, 25, 30, 38, 50, 75, 100 and 200 mm	19, 25, 30, 38, 50, 75, 100 and 150 mm
Lengths	10 and 25 m	10 and 20 m	15 m	10 m
Tensile strength	20 N/cm	28 N/cm	38 N/cm	48 N/cm
Elongation at break	320%	400%	400%	500%
Adhesion on steel	5.0 N/cm	6.3 N/cm	6.3 N/cm	6.3 N/cm
Temperature range	-50 to +50°C	-50 to +50°C	-50 to +50°C	-50 to +50°C

Coroplast DP 035

Anti-corrosion primer



Coroplast DP 035

Coroplast 8200

PE-coated adhesive cloth tape



Coroplast 8200

Applications, advantages and properties

- › For priming the surface of pipes as an additional protection against corrosion before the pipes are wrapped with e.g. Coroplast anti-corrosion tapes of types 1051 PE to 1056 PE and Coroplast 353 plasticized PVC adhesive tape
- › For increasing the adhesion of the tapes on the pipe surface or the adhesion of the ex-works PE sheathing
- › Use a brush to apply the primer to the pipe to be wrapped
- › Approx. 0.2 liters required per m² (2.15 ft²) of pipe surface

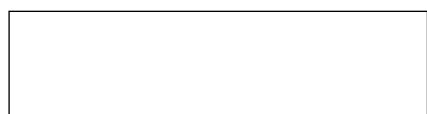
Technical data	DP 035
Basis	butyl rubber
Colors	black
Packaging	in 1 liter cans
Specific gravity	0.8 kg/l
Dry content	approx. 27%
Processing temperature	-10 to +75°C
Operating temperature	-60 to +90°C
Drying time	approx. 10 minutes depending on the ambient temperature but no longer than 3 hours
Hazard class	VbF A 1 – highly flammable

Applications, advantages and properties

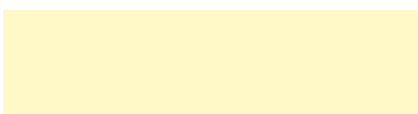
- › Very good duct tape quality for all common assembly works for construction, fairs and industry
- › Universal use on a range of substrates
- › Secure sealing of ventilation pipes and air-conditioning conduits
- › Easy to tear laterally by hand, smooth and perfect tear-off edge
- › Rubber adhesive demonstrates very strong adhesion and shear strength
- › Resistant to ageing and moisture-repellent
- › High tensile strength longitudinally due to dense cloth structure

Technical data	8200
Carrier	PE-coated adhesive cloth tape
Adhesive	rubber
Thickness	0.3 mm
Colors	silver, white, black
Widths	50, 75 and 100 mm
Lengths	25 and 50 m
Tensile strength	40 N/cm
Elongation at break	3%
Adhesion on steel	50 N/cm
Temperature range	-20 to +80°C

Color chart for Coroplast plasticized PVC adhesive tapes



transparent



ivory



yellow



orange



red



purple



light blue



blue



green



light gray 788



gray



silver



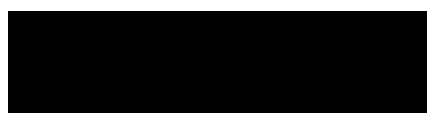
gray 741



brown



white



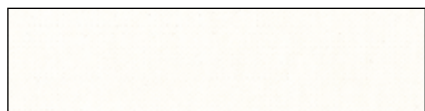
black



green/yellow

Not every color is available for all types of plasticized PVC adhesive tapes. Please refer to the individual product descriptions for more information.

Color chart for Corotex



white



yellow



brown



red



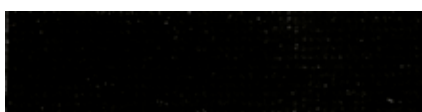
blue



green



gray



black

Color chart for Coroplast 8550/8560



yellow



green



red



white



brown



blue



black

The colors depicted here may differ from those of the actual products for print-related reasons.

Glossary

Abrasion resistance

Abrasion resistance is the resistance of an adhesive tape to rubbing or friction to rubbing or friction. Adhesive tapes are classified according to abrasion classes A (low abrasion resistance) to G (outstanding abrasion resistance for special applications) in line with LV 312.

Acrylic adhesive

Acrylic adhesives are made of polymerized acrylic acid esters. They can be mixed with resin to enhance tack. These adhesives are available as solutions, watery dispersions or as hot melt adhesives. Their special characteristics include high ageing, temperature and chemical resistance, good compatibility with cable insulations and high resistance to UV radiation and oxidation.

Adhesion

Adhesion describes the hold between the surface of the adhesive tape and the taped material.

Adhesive force

Adhesive force combines the terms adhesion and cohesion and describes the force that is necessary to remove an adhesive tape from a surface. Standardized laboratory tests per EN 1939 are conducted to achieve comparable values. A 20 mm-wide strip of adhesive tape is applied to a steel plate and rolled on with a steel roller. It is then pulled off at a specified speed and at angle of 180° and the force required to pull it off is measured in N/cm.

Ageing resistance

Adhesive tapes used in the automotive industry are subjected to various ageing tests (e.g. temperature endurance tests) to ascertain whether and how their properties change as a result.

Backing material

The backing material is the carrier material to which the adhesive is applied.

Breakdown voltage

The minimum voltage that makes an insulator act as a conductor. It is significant for electrical insulating tapes and is measured in kV/mm.

Cohesion

Cohesion describes the inner stability of the adhesive. Adhesives with low cohesion leave a residue on the substrate when the adhesive tape is removed.

Compatibility

Ability of two or more materials to interact without impairing the performance of any one component. A good compatibility of the adhesive tape with the cable insulation is a necessity when the cables are being wound.

Dispersion adhesive

In dispersion adhesives, the adhesive polymer particles are finely dispersed in water. Most dispersion adhesives are solvent-free. Emulsifiers have to be added to stabilise the dispersion.

Elongation at break

The strain required to break the material. For adhesive tapes this is specified according to EN 14410 and it is stated in %.

Hot-melt adhesive

A solvent-free adhesive that is applied hot. Both acrylic adhesives and synthetic rubber-based adhesives can be processed hot.

Initial tack

Pressure-sensitive adhesives bond on contact. This is called initial tack. Some adhesives, especially adhesives on a butyl or acrylate basis, only achieve maximum adhesion some hours or days after they have been applied.

Laminate

Different backing materials are joined inseparably (laminated) whereby the combination of their respective properties results in a new back material.

Leak tightness

Leak tightness is a material's barrier function against substances such as chemicals, moisture or gas.

Liner

Films and papers coated on one or both sides with silicone are used as liners pressure-sensitive sensitive adhesives. The siliconization makes them adhesive-repellent, which prevents this unintentional bonding of the various layers.

LV 312

A recognized testing guideline (Leistungs-Vorschrift) published by German automotive manufacturers for rating of wire harness tapes.

µm (micron)

A micrometer or micron is one millionth of a meter or one thousandth of a millimetre (0.001 mm). It is used to measure the thickness of materials such as films.

N

Newton is a unit of measure for force.

Non-woven

Textiles made of natural or man-made fibers without weaving. The non-woven's internal stability is achieved by pressing under heat or by stitching the individual fibers.

Operating temperature

The operating temperature is the range of temperatures at which the adhesive bond remains intact and has nothing to do with the processing temperature. Electrical insulating tapes are classified according to EN 60454 and wire harness tapes according to LV 312.

Polyamide (PA)

Depending on the carrier, adhesive tapes with a PA backing material exhibit high temperature and abrasion resistance. Adhesive tapes with PA textile or PA velour backing material possess the highest level of abrasion resistance as defined by LV 312.

Polyester (polyethylene terephthalate, PET)

PET films and fabrics have outstanding tensile strength and tearing resistance. They are extremely resistant to high temperatures, alkaline solutions, acids, oils and many solvents. PET fabrics generally unite high abrasion resistance with good resistance to high temperatures and chemicals.

Polyethylene (PE)

PE films are soft and elastic, with high leak tightness and low tensile strength. Polyethylene is solvent-resistant but sensitive to UV radiation. These films are used to make electrical insulating tapes and anti-corrosion tapes.

Polypropylene (PP)

PP films are halogen-free and their properties are comparable with those of PE films. Although they are slightly less flexible, they are more temperature-resistant and can be used as a substitute for PVC adhesive tapes.

Polyvinyl chloride (PVC)

PVC films have good ageing and UV resistance properties. That is why PVC adhesive tapes are often used for outdoor applications. Different quantities of plasticizer can be added to PVC to make it extremely flexible. PVC adhesive tapes are widely used as electrical insulating tapes due to their flame-retardant properties and good dielectric breakdown values.

Pressure-sensitive adhesive

A permanently active adhesive that is widely used on adhesive tapes or labels. As the name indicates, the adhesive is activated by pressure. Secure bonding of the adhesive strip is achieved by pressing it down firmly.

Primer

A primer improves adhesion on surfaces that make adhesion difficult. It is often applied as a solvent-containing coating.

Processing temperature

The temperature at which adhesive tapes can be processed. As far as possible, however, they should be applied at ambient temperatures between +10°C and +30°C.

Rubber-based adhesive

Rubber-based adhesives consist of natural or synthetic rubber with added resin and softeners to provide adhesive tack. These adhesives are available as solutions or hot-melt adhesives. They have high initial adhesion but limited resistance to chemicals, solvents and UV radiation. Rubber-based adhesives are less temperature- and plasticizer-resistant than acrylic adhesives.

S_a value

The S_a value is the measurand of the water vapor permeability of a substance. The higher the value, the less water vapor permeates the substance in comparison with air.

Shear resistance

Shear resistance is the bonding strength of an adhesive when it is pulled off parallel to the glued surface (0° angle). It is tested by applying a section of adhesive tape to the end of a vertical steel plate and attaching a weight to the other end. Shear resistance is measured either as the time until the bond breaks or the maximum weight that the adhesive can bear.

Shelf life

The time for which an adhesive tape can be stored without any notable impairment of performance. Adhesive tapes generally have a shelf life of at least 6 months.

Silicone

Silicone is made of chemically modified SiO₂ (sand). It has an adhesive-repellent surface and is therefore used on release papers or films (liners).

Solvent-based adhesive

50% of the adhesive often consists of a mixture of different solvents that have to be vaporized when the coating is applied to the backing material. Rubber adhesives and acrylic adhesives can be applied as solvent-based adhesives. Adhesive tapes with these adhesives often have a distinctive odor as a result of incomplete vaporization of the solvents.

Sound dampening

The extent to which adhesive tapes dampen noise. Adhesive tapes are classified in sound dampening classes A (low sound dampening) to E (maximum sound dampening) per LV 312. It is measured in dB(A).

Tack

A measure of the viscous flow of an adhesive that describes its stickiness at minimum application pressure. Tack is measured in tests such as the "rolling ball test", in which a steel ball is rolled onto the adhesive surface. The distance that the ball rolls until it sticks to the from a 'ramp'. is measured. The shorter the distance, the higher the tack.

Telescoping

Telescoping is when the adhesive tape protrudes from the side of the roll as a result of internal pressure. This deformation does not affect its adhesive properties. Telescoping can be caused by the rolls being too tight or by improper storage or transport conditions (temperature, moisture).

Tensile strength

The pull stress required to break a material. For adhesive tapes, tensile strength is determined in accordance with EN 14410, and it is stated in N/cm.

Textiles

Textiles may be cloth, made of warp and weft, or non-wovens. Yarn and fibers are usually made of polyester, viscose or polyamide.

Unwind force

The force that is necessary to unwind the adhesive tape from the roll. Unwind force is measured in N (Newton).

UV radiation

Ultra-violet radiation is a component of sunlight that can cause chemical reactions. UV radiation can also be used for cross-linking to improve the stability of acrylates.

Our product diversity

Technical adhesive tapes

Product range



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302	31	701 PE	32	8551	12	9711 SPT	74
303	31	7210	65	8553 X	12	9711 SPT HA	75
317	8	7211	65	8560	12	9904 SPT	74
331	83	7212	65	8560 X	12	9904 SPT HA	75
332	83	7213	65	856 SLX	15	9908 SPT	74
352 SE	40	7215	65	8563 X	12	9908 SPT HA	75
353	40	7218	65	8570	12	9911 SPT	74
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