

PROMASEAL®-LX

Fire Prevention Seal

TECHNICAL DATA SHEET



QUALITY ASSURANCE

Promat products are manufactured to stringent quality control systems to assure that our customers receive materials made to the highest standards.

Operating to these standards means that all activities, which have a bearing upon quality, are set out in written procedures.

Systematic and thorough checks are made on all materials and their usage. Test equipment is subjected to regular checks and is referred back to national standards.

The information given in this data sheet is based on actual tests and is believed to be typical of the product. No guarantee of results is implied however, since conditions of use are beyond our control.

SAFETY INSTRUCTION

- Keep out of reach of children
- Avoid contact with food or beverages
- Please refer to the safety data sheet for additional advice

GENERAL DESCRIPTION

PROMASEAL®-LX is a graphite based intumescent seal with a starting temperature of approx. 190°C and is characterised by its high flexibility.

FIELD OF APPLICATION

PROMASEAL®-LX is an intumescent seal for door and gate constructions, glazings, plastic pipes and building joints in walls and floors.

PROPERTIES

- Cut-optimised endless strip
- Resistant to humidity and atmospheric influences (light, heat, frost, UV-light)
- Free of organic solvents, halogens



GENERAL TECHNICAL PROPERTIES

Colour	anthracite grey
Appearance	highly flexible seal
Reaction to fire	B2, normal combustible
Expansion temperature	from approx. 190 °C

Standard Products	
Thickness (basic version)	1.8 mm (1.62 – 1.98 mm)
Weight (basic version)	2.07 – 2.53 kg/m ²
Expansion ratio (basic version)	1 : 18 to 1 : 22
Expansion pressure (basic version)	0.5 to 0.85 N/mm ²

Thickness - self-adhesive and décor variants	
Thickness (LX) (basic version)	1.8 mm (1.62 – 1.98 mm)
Thickness (LXSK) (self-adhesive)	2.00 mm (1.82 to 2.18 mm)

TEST CERTIFICATE / APPROVAL

- Upon request

ADDITIONAL TEST APPROVAL

- Thermal conductivity 0.283 W/(mK) (MPA Hannover)

PACKAGING

- Product variations: LXSK – intumescent seal with self adhesive foil = standard
- Strips: all product variations available in a width of 8 – 900 mm
- Coils: Length: 50 running meters 9 – 14 mm width 100 running meters available from 15 mm width
Width: 9 to 200 mm
Width tolerance: +0.1 / -0.5 mm
Cardboard core diameter approx. 150 mm (6 inches)
- Packaging: carton box or in bulk on pallet – depending on quantity

Other product dimensions and variations on request!

Subject to change!

STORAGE REQUIREMENTS

- Store in cool and dry conditions
- Protect from frost and heat
- Product variations with self adhesive foil are stockable up to 12 months