

# **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

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

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

Thickness - self-adhesive and décor variants	
<b>Thickness (LX) (basic version)</b>	1.8 mm (1.62 – 1.98 mm)
<b>Thickness (LXSK) (self-adhesive)</b>	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: LXSX – 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



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The products must be applied in accordance with regulations for construction material in general and fire stopping in particular, with the applicable national test certificates and approvals and in accordance with applicable national building regulations. Products may only be applied by trained professionals with adequate knowledge and only after thorough review of the installation guidelines, safety data sheets and national test certificates and approvals. For additional information on how and where to use this product please refer to the Promat handbook or contact your local Promat office. All the relevant documents can be obtained free of charge from the local Promat office. For Non European Union countries separate guidelines are relevant. If required please contact us.