PROMASEAL® Profiles

Technical data		
Colour		Anthracite grey
Fire behaviour	Class	E
Expansion temperature	°C	approx. 190

PROMASEAL®-LX PRO 370			(2)
Appearance		Flexible	
Usage category	Class	X	
Expansion	mm/g	7.5 - 9.5	
Expansion pressure	N/mm²	0.25 - 0.6	
Material cold gas seal	TPE	Thermoplastic elastomer (halogen-free)	
Delivery form	Strips	2.15 m (50 pcs./box)	

PROMASEAL®-LX PRO round cord					(2)
Appearance		Flexible			
Usage category	Class	X			
Expansion	mm/g	7.5 - 9.5			
Expansion pressure	N/mm²	0.25 - 0.6			
Dimensions	mm	LX PRO 278 Ø appr. 8.5	LX PRO 564 Ø appr. 7.0	LX PRO 453 Ø appr. 4.5	
Delivery form	Roll	LX PRO 278 100 m/box	LX PRO 564 200 m/box	LX PRO 453 300 m/box	

PROMASEAL®-LX PRO 545			(2)
Appearance		Flexible	
Usage category	Class	X	
Expansion	mm/g	7.5 - 9.5	
Expansion pressure	N/mm²	0.25 - 0.6	
Delivery form	Roll	100 m/box	

PROMASEAL®-LX PRO 645			(2)
Appearance		Flexible	
Usage category	Class	X	
Expansion	mm/g	7.5 - 9.5	
Expansion pressure	N/mm²	0.25 - 0.6	
Delivery form	Strips	2.15 m (150 pcs./box)	

PROMASEAL®-LX PRO 496			(2)
Usage category	Class	X	
Expansion	mm/g	7.5 - 9.5	
Expansion pressure	N/mm²	0.25 - 0.6	
Material cold gas seal	TPE	Thermoplastic elastomer (halogen-free)	
Delivery form	Strips	2.15 m strips (150 pcs./box)	

PROMASEAL®-IG4-B PRO 669			(2)
Appearance		Flexible	
Usage category	Class	Z_2	
Expansion	mm/g	1:4 - 1:8	
Expansion pressure	N/mm²	0.25 - 0.6	
Delivery form	Strips	1 m strips (100 pcs./box)	

Product description

PROMASEAL® Profiles are graphite-based seals. There are two versions:

- A hot gas seal that protects against smoke and the spreading of fire in case of fire
- A combination of cold and hot gas seal, which additionally protects against draft and noise

Properties and advantages

- The profiles can be developed and manufactured according to customer requirements
- Resistant to atmospheric effects (light, heat, frost, UV radiation, humidity (1))
- Free from organic solvents and halogens

Area of application

- Preventing the spread of fire and smoke between fire-resistant components and special components, in particular fire doors and gates, fire dampers and shutters and glazing

Delivery form

- Rolls or strip goods (from the profile geometry-dependent)
- Possibly minimum order quantities are required

Storage

- Storage temperature: 3 °C – 35 °C
- Store in dry rooms

Test certificates and approvals

- On request, depending on the version

Safety instructions

Please request safety information.

(1) The fire protection properties according to TR 024: 2009 are not impaired by weathering, however, direct influence from humidity can lead to optical and fastening impairments. We therefore recommend that you do not expose the product to permanent direct moisture.
(2) Schematic diagram. Details on request.

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