

e The difference is in quality ...



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MIRELON® sealing cord

PEF - EN 14313 - ST(+) 90 - ST(-) -40 - WS 005 - CL 5 - PH 6,5

Thermoinsulating sealing cord from polyethylene foam with closed cell structure

MIRELON® sealing cord is a flexible cord from full polyethylen foam profile for sealing dynamically stressed joints and cracks.

MIRELON® sealing cord is an ideal material for use in expansion joints of cast floors and in window and door frame installation thanks to its properties. Furthermore, it can be used to seal the fillings in the frames between the panel joints and all joints created in the building industry.

MISAPPLICATION:

- Thermal insulation of low and high pressure steam distribution systems
- Outdoor installation without surface protection against weathering and UV radiation
- Installation in places where the ambient temperature exceeds 90°C

Technical data:

- non-laminated design
- lenght: 1,2 to 500 m according to cord diameter (according to EN 14313:2009+A1:2013)
 (the total lenght can be divided into several strands)
- diameter: 6 to 70 mm (according to EN 14313:2009+A1:2013)

Color: gray-black

MIRELON® sealing cord – physical properties

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Basic characteristics		Properties				Harmonized technical specification
		$^{\circ}$	λ _D	$^{\circ}$ C	λ _D	
	Coefficient of thermal	-20	0,039	20	0,049	
	conductivity W/m.K	0	0,044	50	0,057	
		10	0,046	90	0,069	
	Dimensions and tolerations					
	- diameter	6 mm (including)	+/- 1 mm	15 to 30 mm (including)	+/- 2,5 mm	
		6 to 10 mm (including)	+/- 1,5 mm	above 30 mm	+/- 4 mm	
		10 to 15 mm (including)	+/- 2 mm	х	х	
	- sealing cord lenght	L -1,5% + 2,5%				EN 14313:2009+A1:2013
Reaction on fire	Reaction on fire	E _L -s3, d2				
Thermal resistance stability in aging/degradation	Coefficient of thermal conductivity W/m.K		see tal			
	Dimensions and tolerations		see tal			
	Dimension stability	3%				
	Characteristic stability	it does not change				
	Lowest operating temperature	-40°C				
	Highest operating temperature	90℃				
Thermal resistance stability at high temperature	Characteristic stability	it does not change				
	Dimension stability	3%				
	Highest operating temperature	90℃				

NPD - no property has been determined





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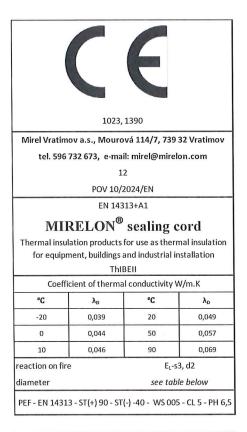
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Basic characteristics		Properties	Harmonized technical specification
Stability of reaction on fire at high temperature	Characteristic stability	it does not change	
Stability of reaction on fire in aging/degradation	ICharacteristic stability I It does not change		
Compressive strengh	- NPD		
Water permeability	Water absorption WS 005 (W _p ≤ 0,05)		
Water vapor permeability	Water absorption	NPD	EN 14313:2009+A1:2013
	Diffusion resistance	NPD	
Release of corrosive substances	Trace amount of soluble ions and pH	CL 5 (≤ 5 mg/kg), PH 6,5	
Sound absorption index	Structure sound transmission	NPD	
	Sound absorption	NPD	
Release of hazardous substances into internal environment	IRelease of hazardous		
Burning by incadescent glow	Burning by incadescent glow	NPD	

NPD - no property has been determined

The technical datasheet was drawn up on the basis of the protocols of the notified bodies: no. 1023 (Institut pro testování a certifikaci a.s., třída Tomáše Bati 299, Louky, 763 02 Zlín) a no. 1390 (Centrum stavebního inženýrství a.s., ul. Pražská 16, 102 00 Praha 10).

Approved 18. 12. 2024



sealing cord diameter

6, 8, 10, 12, 15, 20, 25, 30, 40, 50, 60 a 70 mm



