

K-60

Corrosion protective heat-shrinkable sleeve

The Canusa K-60 Wraparound sleeve is designed for corrosion protection of buried and exposed pipelines operating up to 60°C (140°F). K-60 consists of a crosslinked polyolefin backing, coating with a technologically advanced corrosion protective adhesive, which effectively bonds to the steel substrate and common pipeline coatings including polyethylene and fusion bonded epoxy.

Rapid & Reliable Installation

- K-60 has a patented one piece WrapidSleeve® construction that incorporates a pre-attached closure strip. Because the closure is factory applied, a quick and reliable field installation is easily accomplished.
- K-60 is supplied with a yellow or black polyethylene backing, based on its intended usage.

Long Term Corrosion Protection

- K-60 provides excellent resistance to Cathodic Disbondment resulting in effective long term corrosion protection.
- Once installed, K-60 delivers the structural integrity of a seamless tube and provides the substrate with durable protection against abrasion and chemical attack.

Saves Time & Money

- Lower Pre-heat means less time heating and a faster installation
- For added flexibility, the sleeve can be supplied as a bulk roll or pre-cut to the require pipe size.



Applications

-  PE/PP Pipeline Coatings
-  Fusion Bonded Epoxy
-  Pre-Insulated Pipes



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Sleeve Operating Characteristics	Test Method	Typical Values	
Pipeline Operating Temp.		Up to 60°C (140°F)*	
Minimum Installation Temp.		65°C (150°F)	
Mainline Coating Compatibility		PE, PP, FBE, HPCC	
Adhesive Properties			
Softening Point	ASTM E28	87°C	
Lap Shear @ 23°C	ASTM D1002	35 N/cm ²	
Backing Properties			
Tensile Strength	ASTM D638	20 MPa	
Elongation	ASTM D638	600%	
Hardness	ASTM D2240	46 Shore D	
Volume Resistivity	ASTM D257	10 ¹⁷ ohm-cm	
Sleeve Properties			
Adhesion Strength @ 23°C (10 mm/min)	ISO 21809-3	15 N/cm	
Adhesion Strength @ 23°C (100 mm/min)	ISO 21809-3	60 N/cm	
Impact Resistance	ISO 21809-3	> 10 J	
Indentation Resistance	ISO 21809-3	> 0.65 mm (Pass)	
Cathodic Disbondment @ 23°C, 28 days	ISO 21809-3	8 mm	
Low Temp. Flexibility	ASTM D2671-C	< -20°C	
Thickness	T	L	S
Backing (nominal thickness as supplied)	0.9 mm (0.035")	0.9 mm (0.035")	1.1 mm (0.045")
Adhesive (nominal thickness as supplied)	0.9 mm (0.035")	1.4 mm (0.055")	1.5 mm (0.060")

* Actual temperature rating is dependent on specific project requirements and conditions. Please consult your local Canusa representative.

Since 1967, Canusa-CPS has been a leading developer and manufacturer of specialty pipeline coatings for the sealing and corrosion protection of pipeline joints and other substrates. Canusa-CPS high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate many specific project applications.