

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

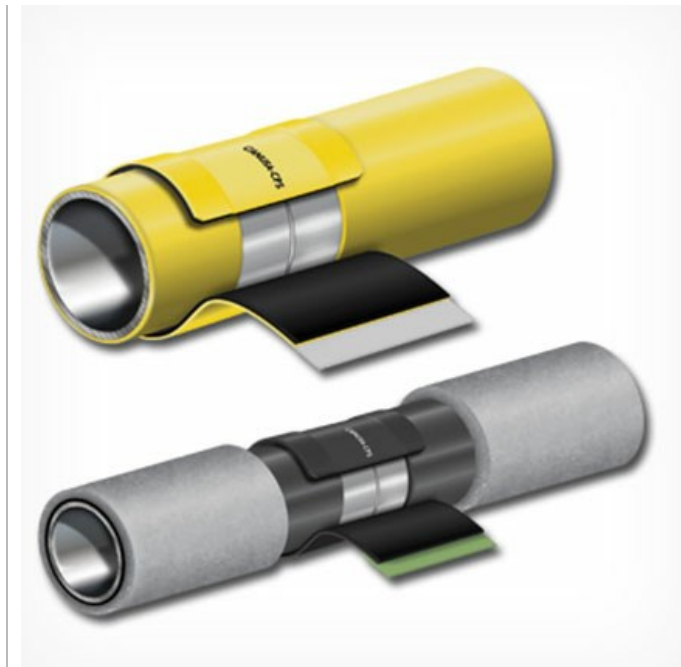
- K-60 has a patented one piece WrapidSleeve construction that incorporates a pre-attached closure strip. Because the closure is factory applied, a quick and reliable field installation is easily accomplished
- K-60 is supplied with a yellow or black polyethylene backing, based on its intended usage

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



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

SLEEVE OPERATING CHARACTERISTICS	TEST METHOD	TYPICAL VALUES	
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	> 10J	
Indentation Resistance	ISO 21809-3	> 0.65mm (Pass)	
Cathodic Disbondment @ 23°C, 28 days	ISO 21809-3	8 mm	
Low Temp. Flexibility	ASTM D2671-C	< -20 °C	
Thickness			
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Backing (nominal thickness as supplied)	0.9 mm (0.035")	0.9 mm (0.035")	1.1 mm (0.045")

SLEEVE OPERATING CHARACTERISTICS	TEST METHOD	TYPICAL VALUES	
Adhesive (nominal thickness as supplied)	0.9 mm (0.035")	1.4 mm (0.055")	1.5 mm (0.060")

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

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