

## 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



# K-60

## Corrosion protective heat-shrinkable sleeve

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 <sup>2</sup>	
Backing Properties			
Tensile Strength	ASTM D638	20 MPa	
Elongation	ASTM D638	600%	
Hardness	ASTM D2240	46 Shore D	
Volume Resistivity	ASTM D257	10 <sup>17</sup> 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.

The product information shown here is intended as a guide for standard products.

Consult your Canusa representative for specific projects or unique applications.



Canusa-CPS  
A division of Shawcor Ltd.

#### Head Office

25 Bethridge Road  
Toronto, ON, Canada M9W 1M7  
Tel: +1 416 743 7111  
Fax: +1 416 743 5927

#### Canada

Dome Tower St. 2200, 333-7th Avenue SW  
Calgary, AB, Canada T2P 2Z1  
Tel: +1 403 218 8207  
Fax: +1 403 264 3649

#### Americas

5875 N. Sam Houston Pkwy W., Suite 200  
Houston, TX, USA 77086  
Tel: +1 281 886 2350  
Fax: +1 281 886 2353

#### Middle East

ADPC - Mussafah Port, P.O. Box 2621  
Abu Dhabi, UAE  
Tel: +971 2 496 3500  
Fax: +971 2 496 3501

#### Europe, Africa & Russia

Dellaertweg 9-E, Gebouw "Le Carrefour"  
2316 WZ Leiden, The Netherlands (NL)  
Tel: +31 71 80 802 70  
Fax: +31 71 80 802 71

#### Asia-Pacific

101 Thomson Road, #11-03 United Square  
307591 Singapore  
Tel: +65 6749 8918  
Fax: +65 6749 8919

Quality Management system  
registered to ISO 9001

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the product data sheet when used in compliance with Canusa's written instructions. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this data sheet is to be used as a guide and is subject to change without notice. This data sheet supersedes all previous data sheets on this product. E&OE

PDS\_K-60\_rev015