



# CS-60 SERIES

## Heat Activated Shrink Wrap

### DATA SHEET

#### Description

The CS-60 heat activated shrink wrap provides unmatched corrosion protection for pipelines operating up to 60 °C. The flexible radiation cross-linked polyethylene backing, coupled with a unique built-in hot melt adhesive provides premium structural and operation integrity. CS-60 is a stretchable, hand-wrapped, heat-shrinkable sleeve specifically designed for corrosion protection on all pipes operating under 140 °F. Once the pipe is buried, there can be no question that it is protected from corrosion.

#### Technical Information

	Test Method	Test Results / Typical Values
<b>Sleeve Operating Characteristics</b>		
Pipeline Operating Temperature		Up to 60°C (140 °F)
Minimum Installation Temperature		75°C (167 °F)
Mainlin Coating Compatibility		PE,PP, FBE,HPPC
<b>Adhesive Properties</b>		
Softening Point	ASTM E28	80°C (176 °F)
Lap Shear @ 23°C	DIN 30672	79 N/cm2
<b>Backing Properties</b>		
Tensile Strength	ASTM D638	21MPa
Elongation	ASTM D638	500%
Hardness	ASTM D2240	43 Shore D
Volume Resistivity	ASTM D257	10 <sup>17</sup> ohm-cm
<b>Sleeve Properties</b>		
Peel Strength @ 23°C	DIN 30672	80 N/cm
Impact Resistance	ASTM G14	56Inch.LBS
Indentation Resistance	ISO 21809-3	0.65mm
Cathodic Disbondment @ 23°C, 28 days with epoxy	ASTM G8	12 mm rad
Low Temp. Flexibility	ASTM D2671-C	-32°C

*\*Actual temperature rating can vary depending on actual site conditions and project requirements, further consultation may be necessary*

#### Ordering Information

Catalog Number:	Description:
CS60-18/100-2mm	Heat Shrink Sleeve suitable for up to 60 Deg. C pipe operating tolerance, 18 inch wide, 100 ft. roll, 2 mm thick
CS60-24/100-2mm	Heat Shrink Sleeve suitable for up to 60 Deg. C pipe operating tolerance, 24 inch wide, 100 ft. roll, 2 mm thick
CS60-31/50-2mm	Heat Shrink Sleeve suitable for up to 60 Deg. C pipe operating tolerance, 31 inch wide, 50 ft. roll, 2 mm thick
CS60-36/50-2mm	Heat Shrink Sleeve suitable for up to 60 Deg. C pipe operating tolerance, 36 inch wide, 50 ft. roll, 2 mm thick

*\*\*Note: Product available in other sizes and specs., along with closure patch. Please consult distributor for more information.*

**Important:** All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. KingsMen, LLC. makes no warranty as to the accuracy or completeness of the information, and disclaims any liability regarding its use. The only obligations of KingsMen, LLC. are those in the KingsMen Standard Terms and Conditions of Sale for this product, and in no case will KingsMen, LLC. be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use or misuse of the product. Specifications are subject to change without notice. In addition, KingsMen, LLC. reserves the right to make changes - without notification to Buyer - to processing or materials that do not affect compliance with any applicable specification.



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