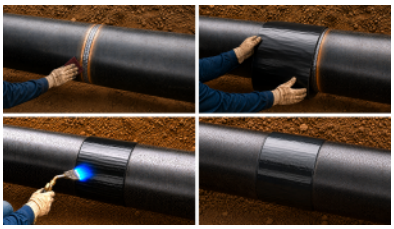
CorroShrink
— PIPELINE JOINT PROTECTION —

CS-60 SERIES Product Data Sheet

Heat Activated Shrink Tape/Wrap

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.

CS60-18	CS60-24	CS60-36
1.6mm	1.6mm	1.6mm
18” Wide	24” Wide	36” Wide



Why CorroShrink CS60?

- Non-Tacky until heat is applied when ready to install allowing it to be dropped or folded over onto itself and still be fully functional
- Lower softening point for faster/seamless field installation
- Supplied in bulk rolls for field cutting to fit any pipe
- Open sleeve configuration for installing after the pipe has been welded and cleaned
- Thicker outer layer for long term protection
- Thicker adhesive layer for extra protection
- High performance adhesive layer provides superior resistance to cathodic disbondment
- When fully cured, becomes equivalent of a seamless tube protecting it’s contents from external abrasion and chemical intrusion

Oil & Gas

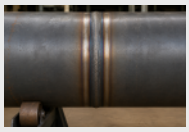
Offshore Pipelines

Polypropylene

Water Pipelines

Pre-Insulated Pipes

Girth-Weld Joints



CorroShrink CS60 Meets the Following Test Requirements

Test Method	Sleeve Operating Characteristics	Test Results / Typical Values
	Pipeline Operating Temperature	Up to 60°C (140 °F)
	Minimum Installation Temperature	75°C (167 °F)
	Mainline Coating Compatibility	PE,PP, FBE,HPPC
	Adhesive Properties	
ASTM E28	Softening Point	133.5°C (271 °F)
DIN 30672	Lap Shear @ 23°C	125 N/cm2 (181 PSI)
	Backing Properties	
ASTM D638	Tensile Strength	18MPa (or 150-200 lbs)
ASTM D638	Elongation	600%
ASTM D2240	Hardness	44 Shore D
ASTM D257	Volume Resistivity	1.10E+16 ohm-cm
	Sleeve Properties	
ISO 21809	Adhesion Strength @ 23°C 1 0mm/min	27 N/cm
ISO 21809	Adhesion Strength @ 23°C 1 00mm/min	44 N/cm
ASTM G14-04	Impact Resistance	60 in/lb
ISO 21809	Indentation Resistance	>0.83mm (Pass)
ASTM G8	Cathodic Disbondment @ 23°C, 28 days with epoxy	12 mm rad *
ASTM D2671	Low Temp. Flexibility	-32°C (-25.6F)

CS WRAP SERIES - (18” Width and Over)

Catalog Number:	Description:
CS60-18/100-1.6mm	Heat shrinkable wraparound sleeve suitable for up to 60 Deg. C pipe operating tolerance, 18 inch (45cm) wide, 100 ft. (30m) roll, 1.6mm thick
CS60-24/100-1.6mm	Heat shrinkable wraparound sleeve suitable for up to 60 Deg. C pipe operating tolerance, 24 inch (60cm) wide, 100 ft. (30m) roll, 1.6mm thick
CS60-36/50-1.6mm	Heat shrinkable wraparound sleeve suitable for up to 60 Deg. C pipe operating tolerance, 36 inch (91cm) wide, 50 ft. (15m) roll, 1.6mm thick

CS TAPE SERIES - (6” Width and Under)

Catalog Number:	Description:
CS-TAPE-2/50-1.2mm	Heat shrinkable wraparound tape, 2 inches (5cm) wide, 50 ft. (15m) roll, 1.2mm thick, 12 per box
CS-TAPE-3/50-1.2mm	Heat shrinkable wraparound tape, 3 inches (7.5cm) wide, 50 ft. (15m) roll, 1.2mm thick, 8 per box
CS-TAPE-4/50-1.2mm	Heat shrinkable wraparound tape, 4 inches (10cm) wide, 50 ft. (15m) roll, 1.2mm thick, 6 per box
CS-TAPE-6/50-1.2mm	Heat shrinkable wraparound tape, 6 inches (15cm) wide, 50 ft. (15m) roll, 1.2mm thick, 4 per box

CS STRIP SERIES (Closure Strip)

Catalog Number:	Description:
CS-Strip-24	Closure Strip, suitable for 24 inch (60cm) wraparound sleeve
CS-Strip-36	Closure Strip, suitable for 36 inch (91cm) wraparound sleeve

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

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