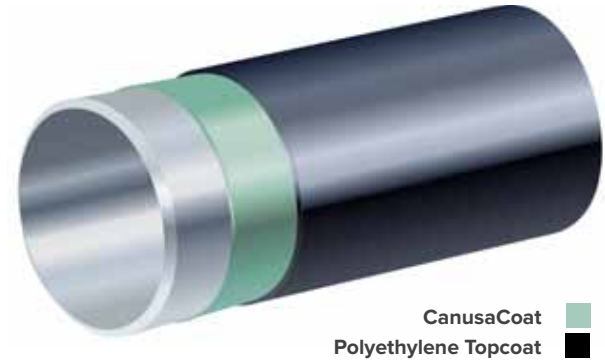


CanusaCoat H2-0

Pipeline Sealant

CanusaCoat H2-0 is a butyl rubber based adhesive coating designed to protect pipelines in the oil and gas and water and wastewater markets. CanusaCoat H2-0 provides long term corrosion protection and excellent bonding under extruded polyethylene pipe coatings. This adhesive coating can be extruded onto small and large diameter pipes ranging from 4" (100 mm) to 145" (3680 mm) in diameter.



Tough and Durable Protection

- CanusaCoat H2-0 butyl rubber adhesive protects with excellent adhesion strength and long lasting chemical stability.

Exceeds AWWA C215 Standards

- CanusaCoat H2-0 protects large diameter waterworks pipelines with superior cathodic disbondment resistance.

Primerless Adhesion

- CanusaCoat H2-0 provides excellent direct-to-steel bonding without the need for special solvent primers.

Various Operating Conditions

- CanusaCoat H2-0 is suitable in field conditions as low as -40°C (-40°F) to a maximum operating temperature of 80°C (176°F).

Plant Applied Options

- CanusaCoat H2-0 can be applied to the intended pipe surface using methods of side extrusion, gunk-head, or airless pump.

Applications



Oil & Gas Pipelines



Waterworks Pipelines



Small Diameter Pipelines



Large Diameter Pipelines

CanusaCoat H2-0

Pipeline Sealant

CanusaCoat H2-0 Adhesive Standalone Properties	Test Method	Typical Values
Softening Point	ASTM E28	115°C (240°F)
Penetration	ASTM G17-88	8.4 mm/10
Density	ASTM D1505	1.02 g/cm ³
Melt Flow Rate (80°C)	ASTM D1238-04	4.55 g/10
Viscosity (150°C)	Brookfield	200,000 +/- 40,000
CanusaCoat H2-0 with Polyethylene Topcoat Properties		
Dielectric Strength	ASTM 149	> 500 V/mil
Impact Resistance	ASTM G14	> 25 lbf-in
Penetration Resistance	ASTM G17	3-5% change
Water Absorption	ASTM D570	0.04 +/- 0.002%
Water Vapor Transmission	ASTM E96	0.177 g/h-m ²
Peel Adhesion	ASTM D1000	30-37 pli
Lap Shear (1"/min)	ASTM D1002	20-25 psi
Cathodic Disbondment @ 23°C, 28d	CSA Z245.21	8-10 mm
Cathodic Disbondment @ 65°C, 48hr	CSA Z245.21	11-13 mm

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 at info@canusacps.com.

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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

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