

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

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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.

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

Plot # 37-WR43, Sector no.: ICAD III
Musaffah South, PO Box 2621
Abu Dhabi, The United Arab Emirates
Tel: +971 2 204 9800

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

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