

WrapidCoat® PE

Superior Mechanical Protection

WrapidCoat® PE is tough, polyethylene based tape with special high tack adhesive formulated to resist corrosion of metal piping systems above and below ground and as a mechanical protection outer wrap for WrapidBond® coated pipe. The high tack adhesive and tough backing provides an effective barrier to water and oxygen which provides effective corrosion protection and soil stress resistance.

Chemical Resistance

- The product is resistant to corrosive salt water, soil acids, alkalies and salts, common chemicals, chemical vapors, and exposure to outdoor weathering and sunlight.

Flexibility & Adhesion

- WrapidCoat® PE is a highly conformable, all-weather 0.50 mm (20 mil) thick tape designed for application over a wide temperature range. Very easy to apply at high or low temperatures it provides excellent adhesion and shear resistance.

Long Term Corrosion Protection

- The high tack adhesive and tough backing provides an effective barrier to water and oxygen which provides effective corrosion protection and soil stress resistance.

Superior Mechanical Protection

- WrapidCoat® PE is a medium density polyethylene film, with a butyl rubber adhesive applied. The product is designed to provide excellent mechanical protection for pipeline coating systems.

Long Term Corrosion Protection

- In combination with WrapidBond®, the composition of the product is such that it provides an effective barrier to water and oxygen which provides effective corrosion protection and soil stress resistance.



Applications



Oil & Gas



Onshore Pipelines



Repair & Rehab



Corrosion Coating



Girth-Weld Joints



Fittings & Bends



WrapidBond® inner wrap

WrapidCoat® PE outer wrap

WrapidCoat® PE

Superior Mechanical Protection

Typical Product Properties	Test Method	WrapidCoat® PE
Color		Black or White
Thickness		0.51 mm (20 mils)
Elongation @ Break	ASTM D1000	200%
Tensile Strength	ASTM D1000	70.0 N/cm (40 pli)
Impact Strength	ASTM G14	15 J
Adhesion to Backing @ 23°C (74°F)	ASTM D1000	5.6 N/cm (3.1 pli)
Normal Application Temperature Range		-34°C to 71°C (-30°F to 160°F)
Normal Service Temperature Range		-34°C to 85°C (-30°F to 185°F)

* This data is not to be used for specification. Values listed are for typical properties and should not be considered minimum or maximum. Refer to the WrapidBond® Product Data Sheet for ordering information.



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_Wrapid Coat PE_rev012

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.

CANUSA-CPS

Pipeline corrosion Protection