

WrapidCoat® PVC

Superior Mechanical Protection

WrapidCoat® PVC is a tough, polyvinyl chloride based tape with special high tack adhesive formulated as the outer wrap for WrapidBond® viscoelastic coated pipe. The high tack adhesive and tough backing provides effective mechanical protection and aids as a barrier to water and oxygen which provides effective corrosion protection and soil stress resistance.

Chemical Resistance

- Combined with WrapidBond®, the system is resistant to corrosive salt water, soil acids, alkalies and salts, common chemicals, chemical vapors, and short term exposure to outdoor weathering and sunlight.

Flexibility & Adhesion

- Highly conformable, 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

- In combination with WrapidBond®, the composition of both products is such that they provide an effective barrier to water and oxygen which enhances corrosion protection and soil stress resistance.



Applications



Oil & Gas



Repair & Rehab



Corrosion Coating



Girth-Weld Joints



Fittings & Bends



WrapidBond™ inner wrap

WrapidCoat™ PVC outer wrap

WrapidCoat® PVC

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| Typical Product Properties | Test Method | Typical Value |
|--|-------------|--------------------------------|
| Color | | Black |
| Thickness | | 0.50 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 Steel @ 12°C (54°F) | ASTM D1000 | 3.3 N/cm (1.9 pli) |
| Adhesion to Steel @ 23°C (74°F) | ASTM D1000 | 2.2 N/cm (1.3 pli) |
| Roll Unwind @ 12°C (54°F) | ASTM D1000 | 1.75 N/cm (1.0 pli) |
| Roll Unwind @ 23°C (74°F) | ASTM D1000 | 1.75 N/cm (1.0 pli) |
| Water Vapor Transmission Rate @ g/645 cm ² /24 hrs. | ASTM D3833 | 1.0 |
| Moisture Absorption | ASTM D570 | .35% |
| Dielectric Strength | ASTM D1000 | 20 kv |
| Normal Application | | -12°C to 70°C (+10°F to 158°F) |
| Normal Service | | -48°C to 85°C (-55°F to 185°F) |
| ISO 21809-3 Maximum Continuous Service Temperature | | 70°C (158°F) |

* This data is not to be used for specification. Values listed are for typical properties and should not be considered minimum or maximum.

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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