

# WrapidBond® FST

## A visco-elastic adhesive based system for pipeline corrosion protection

WrapidBond® FST is a corrosion protective coating consisting of a modified and reinforced visco-elastic adhesive. Supplied as a visco-elastic compound in paste form, WrapidBond® FST provides effective corrosion protection by providing a barrier to water and oxygen. WrapidBond® FST is for use on underground pipelines, and steel structures.

### Adhesion & Creep Resistance

- The specially formulated adhesive bonds tenaciously to even the most difficult substrates and provides good elevated temperature creep resistance and resistance to soil stresses. Improved soil stress resistance is achieved with the installation of WrapidCoat® PVC outer wrap.

### Wide Range of Applications

- WrapidBond® FST is ideally suited for a diverse range of pipeline applications including: coating repair on new pipeline construction; transition areas on below ground pipelines; special sections such as bends, tees, flanges, etc.; rehabilitation of existing pipelines; tanks chimneys, etc.

### Full System Approach

- The WrapidBond® product line also includes ultra flexible products, filler materials and mastics, weld bead and seam tapes and WrapidCoat® mechanical protection. Refer to the WrapidCoat® product data sheet for more information.

### Field Friendly

- Long shelf-life
- Various widths available with convenient package options for ease of inventory
- Fast installation with instant adhesion on steel and many other base surfaces without applying primer
- No drying or hardening time
- Self healing ability when slightly damaged due to plastic-elastic properties
- Impermeable to water and oxygen



### Applications



Oil &amp; Gas



Onshore Pipelines



Repair &amp; Rehab



Corrosion Coating



Girth-Weld Joints



Fittings &amp; Valves



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Sleeve Operating Characteristics	Test Method	WrapidBond® FST with WrapidCoat® PVC
Maximum Pipeline Operating Temp.		Up to 95°C (203°F)
Compatibility		PE, PP, FBE, PU, Coal tar, Bitumen
Typical Product Properties		
Density	ASTM D792	1.0 g/cm <sup>3</sup>
Lap Shear Strength	ISO 2189-3/EN 12068	0.02 N/mm <sup>2</sup>
Glass Transition Temp.	ASTM D3418	< -20°C
Water Absorption	ASTM D570	< 0.05%
Drip Resistance	ISO 2189-3/EN 12068	Pass at 95°C

\* When used with WrapidCoat® PVC. Refer to the WrapidCoat® data sheet for more information.



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](mailto:info@canusacps.com).

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**Quality Management  
system registered to  
ISO 9001**

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 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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