

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.

It is supplied as a visco-elastic compound in a 2mm thick x 50mm wide tape, a. WrapidBond FST provides effective corrosion protection by providing a barrier to water and oxygen. WrapidBond FST is for use on aboveground and underground pipelines, flanges, valves 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 from above to below ground pipelines; special sections such as bends, tees, flanges, etc.; rehabilitation of existing pipelines; tanks chimes, 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 excellent 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

SLEEVE OPERATING CHARACTERISTICS	TEST METHOD	WRAPID BOND™ FST WITH WRAPID COAT™ PVC
Maximum Pipeline Operating Temp.		Up to 95°C (203°F)
Compatibility		PE, PP, FBE, PU, Coal tar, Bitumen

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Typical Product Properties		
Density	ASTM D792	1.1 - 1.3 g/cm ³
Lap Shear Strength	EN 12068	0.02 N/mm ²
Glass Transition Temp.	ASTM D3418	< -20°C
Water Absorption	ASTM D570	< 0.05%
Drip Resistance	EN 12068	Pass at 95°C

* When used with Wrapid Coat™ PVC. Refer to the Wrapid Coat™ data sheet for more information.

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