

SYNTHO-SLEEVE® OUTER WRAP

BURY, BORE OR DRILL IN LESS THAN ONE HOUR

Description Syntho-Sleeve® Outer Wrap is designed to protect welded field joints on pipelines from the abrasion stresses and scarring of directional drilling and boring. Syntho-Sleeve provides mechanical protection to the preapproved corrosion coating of your choice, such as viscous elastic coatings, epoxy coatings, shrink sleeves, and cold applied tapes. This unique product has a quick setting time, is easy to apply, has a very low profile, is extremely conformable, and is highly impact resistant. The result is cost-effective, long-term protection against corrosion for buried pipelines with superior mechanical protection.

Typical Applications

- Horizontal directional drilling
- Boring
- Coating repair
- Coating protection

Benefits

- Quick setting
- Simple, cost-effective installation
- Non-hazardous
- Drastically reduced installation time and materials
- Easy to apply
- Consistency of application, joint after joint
- Pre-impregnated, no field mixing or messy field wetting
- Water activated, no UV light or heating required
- Smooth profile reduces damage during pull through

Mechanical Properties

Test	Method	Result
Tensile Strength	ASTM D638	Hoop: 54,000 psi (3,724.07 bar) Axial: 34,000 psi (2,344.8 bar)
Flexural Strength	ASTM D790	58,680 psi (4,046.8 bar)
Compressive Strength	ASTM D695	24,000 psi (1,655.1 bar)
Impact Resistance	ASTM G14/G62	123 ft. lb. (167 J)
Dielectric Strength	ASTM D149	16,000 Volts
Hardness, Shore D @ 75°F (24°C)	ASTM D2240	80
Lap Shear	ASTM D3163	1,782 psi (122.9 bar)
Set Time	Time	5 Minutes @ 75°F (24°C)

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