

## **PRODUCT DATA SHEET**

# COVALENCE® PE MELT STICK

### **Product Information**

Repair system for damaged mill-applied PE coating.

Product description: PE MELT-STICK is a heat-sensitive, PE copolymer-based stick used for small superficial, damage (scratches) to PE-coatings where the damage does not extend to the bare metal. Maximum damaged area can be 25 mm by 25 mm or 6.25 cm<sup>2</sup>.

Installation is done with a standard gas torch. After eliminating all sharp edges, cleaning and preheating, PE-MELT-STICK is heated above the damaged area until becoming glossy. No filler is required. The molten adhesive is spread onto the scratches, forming a tight bond with the substrate. After cool down, the hardening adhesive is smoothed flush with the PE line coating using a paint scraper.

#### Features:

- · Versatile and adaptable repair system.
- · Resistant to high shear forces.
- · Excellent adhesion to commercial PE mill-applied coatings.
- · Simple stick form.
- No special equipment required.

#### **Benefits:**

- Highly economical.
- · Double reconstruction of the damaged coating.
- · Guarantees a virtually monolithic coating repair of high quality.
- Makes installation faster and more convenient saves time.
- Makes installation fast and easy. Keeps installation costs low.

Product propertie	es	
Adhesive		
Property	Test method	Typical value
Softening point	ASTM E28	120°C (248°F)
Shear strength	ASTM D1002	
_	@ 23°C (73°F)	750 psi
	@ 80°C (176°F)	65 psi
nstalled sleeve		
Property	Test method	Typical value
Peel to PE	ASTM D1000	16 lb/in

	P	rod	luct	orde	r into	ormai	tion
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Covalence® PE-MELT-STICK type products are available – As a stick

Example PERP-MELT-STICK(S50)		
Standard ordering options		
PERP-MELT-STICK	Ø 25 mm x 305 mm	
(S50)	Packed per 50 pc in a bag	
(330)	i acked per 50 pc iii a bag	

Product selection guide	
Max operating temperature	85°C (185°F).
Compatible line coatings	PE
Min. preheat temperature	60-70°C (140-158°F)
Recommended pipe preparation	Brush
Soil stress restrictions	None

Product dimensions	
Length	305 mm (12 in)
Diameter (mm)	25 mm (1 in)

General Information		
Installation guide	For proper product installation, see latest	
	installation instruction.	
Handling	Handle with care. Keep boxes upright.	
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place below +50°C. Unlimited shelf life.	
Documentation	Extensive information is available on our website. Application instructions and other documentation can be obtained by contacting our head office, from our local distributor or by sending an email to info@sealforlife.com	
Certified staff	Application of the described coating system should be carried out by certified personnel.	



Seal For Life Industries LLC Franklin, MA, USA Tel: +1 508 918 1600 Toll Free: +1 800 248 7659 Fax:+1 508 918 1905 franklin@sealforlife.com Seal For Life Industries Mexico S de R.L. de C.V. Tijuana, Mexico Tel USA: +1 856 633 9797 Fax USA: +1 858 633 9740 Tel Mx: +52 664 647 4397 Fax Mx: +52 664 607 9105

mexico@sealforlife.com

Seal For Life Industries Stopaq B.V. Stadskanaal, the Netherlands Tel: +31 599 696 170 Fax: +31 599 696 177 info@sealforlife.com Seal For Life Industries BVBA Westerlo, Belgium Tel: +32 14 722 500 Fax: +32 14 722 570 belgium@sealforlife.com Seal For Life India Private Ltd. Baroda, India Tel: +91 2667 264 721 Fax: +91 2667 264 724 india@sealforlife.com

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