

COVALENCE® PP-MELTSTICK

Product Information

Repair system for damaged mill-applied PP coating.

Product description: Covalence® PP MELTSTICK is a heat-sensitive, PP copolymer-based stick used for small superficial, damage (scratches) to PP-coatings where the damage does not extend to the bare metal.

Construction: PP copolymer based adhesive.

Installation is done with a hot air tool. After eliminating all sharp edges, cleaning and preheating, PP-MELT-STICK is heated by the hot air tool and applied onto the damaged PP line coating. No filler is required. The molten adhesive is spread onto the scratches, forming a bond with the substrate. After cool down, the hardening adhesive is smoothed flush with the PP line coating using a scraper.

Features:

- Versatile and adaptable repair system.
- Resistant to high shear forces.
- Excellent adhesion to commercial PP mill-applied coatings.
- Simple stick form.

Benefits:

- Highly economical.
- Durable reconstruction of the damaged coating.
- Guarantees a virtually monolithic coating repair of high quality.
- Makes installation faster and more convenient – saves time.

Product selection guide

Max operating temperature	120°C (248°F).
Compatible line coatings	PP
Min. preheat temperature	70-80°C (158-176°F)
Recommended pipe preparation	Sanding disk P16, P24 or P36
Soil stress restrictions	None

Product dimensions

Length (mm)	305
Diameter (mm)	25
Length (in)	12
Diameter (in)	0.984
Color	White

Product properties

Backing

Property	Test method	Typical value
Tensile strength at break	ASTM D-638	12.7 MPa
Elongation at break	ASTM D-638	400 %

Adhesive

Property	Test method	Typical value
Softening point	ASTM E-28	147°C (345°F)
Shear strength	ISO 21809-3	5.9 MPa
	ASTM D-1002	5.2 N/mm ²

Ordering information

Covalence® PP-MELTSTICK type products are available as a stick.

Standard ordering options

Example PP-MELT-STICK-DIA25 (S5)

Diameter +/- 25 mm equivalent x length 305 mm, weight +/- 98 gr

Packed per 5 PP melt sticks in a plastic bag

Selling unit of measure: PC

For proper product installation, see latest installation instruction

General

Handling	Handle with care. Keep boxes upright.
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place below +45°C. Unlimited shelf life.

General Information

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 shall be carried out by certified personnel.