

# 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 gas torch. After eliminating all sharp edges, cleaning and preheating, PP-MELT-STICK is heated by the torch 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

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

## Product dimensions PP MELTSTICK

<b>Length (mm)</b>	305
<b>Diameter (mm)</b>	25
<b>Length (in)</b>	12
<b>Diameter (in)</b>	0.984
<b>Color</b>	White

## Product properties Covalence® PP-MELTSTICK

### Backing

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

### Adhesive

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

## General order 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

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

## Information

<b>Documentation</b>	Extensive information is available on our web-site. Application instructions and other documentation can be obtained by contacting our head office, from our local distributor or by sending an email to <a href="mailto:info@sealforlife.com">info@sealforlife.com</a>
<b>Certified staff</b>	Application of the described coating system should be carried out by certified personnel.



**SEALFORLIFE Industries**

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