

SFL END SEAL TAPE

Product Information

SFL End Seal Tape is a flexible polyvinyl chloride tape coated with a rubber resin pressure sensitive adhesive. It's main use is temporarily sealing the cutback area of plant applied pipe coatings against ingress of water that would otherwise lead to detrimental effects in this area like corrosion and plant coating disbondment.

It is suited for application in the transition area of steel and plant applied coatings (3LPE, 3LPP, FBE, and other plant coatings), or over the entire pipe end. The rubber resin pressure sensitive adhesive adheres quickly to most surfaces and can be removed without leaving virtually any residues.

Features:

- Easy to apply
- Flexible, good conformability
- Good adhesion to steel and plant coatings like 3LPE, 3LPP and FBE
- Good resistance to ageing and weathering
- In conformity with RoHS 3 directives 2011/65/EU and 2015/863/EU

Benefits:

- Very well suited for hand application
- Easy to stretch and to apply
- Can be used in conjunction with other preservation methods such as end caps, PE sheets, etc.

Application examples

Plant coating cutback area: Temporary protection of pipe coating cutback area against corrosion and coating disbondment.

Product properties of SFL End Seal Tape

Colour	Blue
Thickness	0,15 mm [6 mils] (ASTM D5199)
Adhesion	0,2 N/mm [18 ozf/in] (ASTM D3330)
Elongation	≥ 150 % (ASTM D3759)
Tensile strength	3,0 N/mm [17 lbf/in] (ASTM D3759)
Temperature ranges	Operational: - 30 to + 85 °C [- 22 to 185 °F] Application: + 10 to + 65°C [50 to 149 °F]

Application instruction – Brief version

Detailed application instructions are available from Seal For Life Industries.

Installation Prior to installation the substrate should be dry, clean and protected against negative weather influences.
SFL End Seal Tape should be applied with tension by gently pulling the roll of material.
Start wrapping on the plant coating at least 50 mm [2"] from the cutback edge, and apply two full circumferential wraps perpendicular to the pipe.
After application of the circumferential wraps, continue spiral wrapping with an overlap of ≥ 50%
Avoid air inclusions. Avoid tenting and bridging.
Avoid puncturing the tape.
Continue spiral wrapping until reaching the boundary of the area to be coated. This should be at least 50 mm [2"] from the coating cutback edge. In case the complete bare steel area must be covered, the distance to the cutback edge might be greater.
End wrapping with two full circumferential wrap perpendicular to the pipe. The last 150 mm [6"] of SFL End Seal Tape should be applied without tension.

Removal SFL End Seal Tape can easily be removed by manual peeling. Trace amounts of adhesive residues can be removed with a solvent wipe or by normal surface preparation techniques used prior to field joint coating.

General order information

Product	SFL End Seal Tape is available in rolls, wound on cardboard cores, packed in cardboard boxes: Art. Nr.: <u>Product dimensions and contents:</u> 50 mm x 33 m [2 in x 108 ft], 54 rolls/box 75 mm x 33 m [3 in x 108 ft], 36 rolls/box
Handling	Handle with care. Keep boxes upright.
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place below +40 °C [104 °F].

Information

Documentation 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 email to info@sealforlife.com

Certified staff Application of the described coating system should be carried out by certified personnel.