

Datasheet End Seal Tape™

Release date : 12-01-2015
Revision date : 05-06-2023

General information

End Seal Tape™ is a durable PVC tape, featuring a modified pressure-activated adhesive. The End Seal Tape™ can be applied over the coating/steel transition area to decrease the risk of coating disbondment. The high performance adhesive adheres quickly to most surfaces yet can be removed leaving little or no traceable residue. This allows for easier surface preparation prior to welding of the pipe joints and also for application of the field joint coating. The main use of the End Seal Tape™ is to prevent FBE, 3LPE, 3LPP and other external pipe coating systems from absorbing moisture and UV-radiation at the cutback area during extended storage period.

Application

The End Seal Tape™ can be used to protect the coating to steel transition.

Prior to application

The coating cutback and the pipe end shall be dry and clean, and free from any visible contaminants. Use standard tape application with moderate tension. Void or entrapped air underneath the tape, if any, shall be worked out using gloved hand or a roller in order to enhance contact. Avoid and repair if found, any damage or puncture to the tape during application, handling or storage of taped pipes.



Fig.1 End Seal Tape™

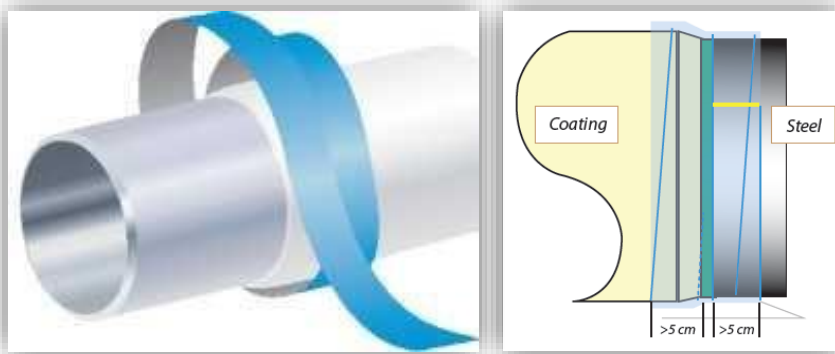


Fig.2 End Seal Tape™ in use

Transition area seal

For preservation over the coating/steel transition area to minimize end disbondment, apply the End Seal Tape at least 75mm (3") from FBE coating cutback (for FBE/DLFBE coated pipes) or from PE/PP chamfer (for 3LPO/MLPP coated pipes) to at least 75mm (3") beyond the cutback or the FBE toe. Apply 2 full wraps at start and end, with an overlap of at least 50% at body.

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Removal procedures

For the best removal results, the End Seal Tape shall be removed when the pipe temperature is below 35°C (95°F). Check the temperature with a contact probe. Cool the taped surface if necessary using a suitable method such as water spray or compressed air. Manually peel off the End Seal Tape with gloved hand and the aid of a spatula. Any traceable adhesive residue can be readily removed by a solvent wipe, wire brush, low pressure water cleaning, or by blasting prior to the field joint coating application.

Features

- ✓ Easy installation and removal
- ✓ UV resistant
- ✓ Long term performance
- ✓ Adheres quickly to most surfaces
- ✓ Allows for easier surface preparation prior to welding

Material specifications

Material : PVC (Polyvinylchloride)
Colour : Blue
Adhesive type : Rubber-based
Thickness : 0,15mm (6 mils)
Width : 75mm – 150mm (3"- 5.9")
Roll length : 33m (108ft)
Adhesion to steel : 0.4 kgf/25mm
Tensile strength : 6 kgf/25mm (13lbf/in.)
Elongation to break : 150 +/- 25%

Pipe diameter range : All pipe diameters
Product code : EST

Commodity / HS code : 39191012

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