

End Seal Tape

End Seal Tape is a durable PVC tape, featuring a modified pressure-activated adhesive. The rubber-based adhesive exhibits outstanding water resistance along with excellent abrasion and chemical resistance as a result of the tough PVC backing. The main use of the End Seal Tape is to prevent FBE, 3LPE, 3LPP and other external pipe coating systems from absorbing moisture at the cutback area during extended storage period. The End Seal Tape can be applied over the coating/steel transition area or over the entire pipe end to mitigate coating disbondment and/or weathering of pipe ends. 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.

Excellent Moisture Barrier and Mechanical Protection

- Reduces the blistering of FBE mainline coatings during pre-heating of the field joint due to minimal moisture absorption during storage.
- Minimizes end disbondment from corrosion undercutting and rust formation on cutback area during storage.
- End Seal Tape may be used in conjunction with other methods, such as end caps, covers, or heat shrinkable products to further improve the mechanical or temporal performance of the coating cutback. Also refer to Canusa's CSS-T product for similar applications in a heat-shrinkable format.

Easy Installation with Long Term Performance

- Outstanding performance when the pipe is exposed to inclement weather, even in tropical environments.
- Easy to install, low cost, effective and easy to remove leaving little or no adhesive residue even after extended outdoor storage at high temperature or humidity levels.

Flexible Design

- Available in various widths from 75 mm - 150 mm (3" - 6").
- Typically applied with a 50% overlap yielding 2-layers of protection, but may be applied with additional layers for added protection.



Applications



Oil & Gas



End Seal



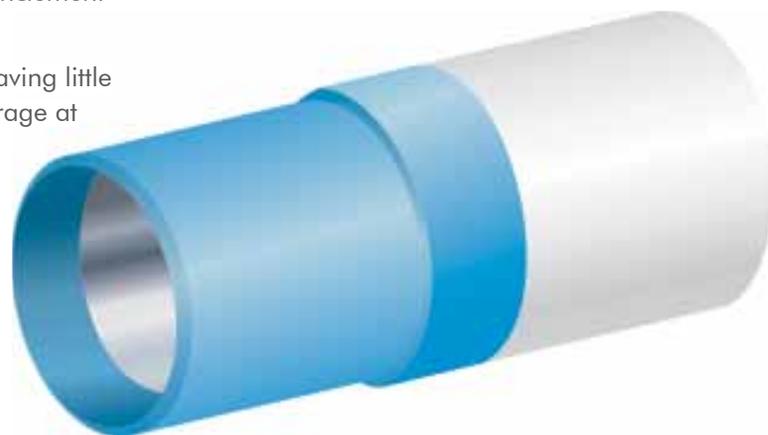
Water Pipelines



Girth-Weld Joints



Fittings & Bends



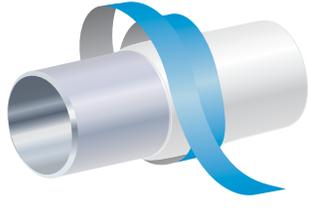
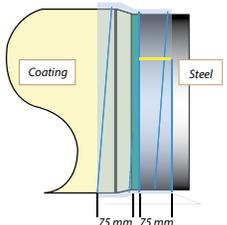
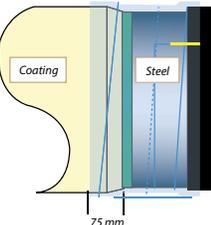
End Seal Tape

Capability/Property	End Seal Tape
Backing Type	PVC (Polyvinylchloride)
Color	Blue
Adhesive Type	Rubber-Based
Supplied Thickness	0.15 mm (6 mils)
Width	75, 100, 150 mm (3", 4", 6")
Roll Length	32 m (105')
Adhesion to Steel	30.7 ± 6 g/mm (27.5 ± 5.5 oz / in)
Tensile Strength	2.7 ± 0.5 kg/cm (15 ± 3 lb / in)
Elongation at Break	150 ± 25 %

The product information shown here is intended as a guide for standard products.

Consult your Canusa representative for specific projects or unique applications.



End Seal Tape Installation Procedures		
		
<p>Prior to the application</p> <p>The coating cutback and the pipe end shall be dry, clean, and free from any visible contaminants.</p> <p>Use standard tape application with moderate tension. Ensure that no air is trapped under the tape during installation. Void or entrapped air underneath the tape, if any, shall be worked out using gloved hand or a roller in order to enhance contact. Repair any damage or puncture to the tape during application, handling or the storage of taped pipes by removing and replacing the tape or overcoating with additional tape if no water penetration has occurred.</p>	<p>Transition Area Seal</p> <p>For preservation over the coating/ steel transition area to minimize end disbondment, apply the End Seal Tape at least 75 mm (3") from FBE coating cutback (for FBE/DLFBE coated pipes) or from PE/PP chamfer (for 3LPO/MLPP coated pipes) to at least 75 mm (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.</p>	<p>Complete End Seal</p> <p>If long term pipe end protection from rusting is required, the End Seal Tape can be applied over the entire pipe end and wrapped back into the pipe end internally for at least 5 cm (2"). If an end cap is used, complete then the installation by applying 2 full wraps over the end cap to prevent moisture penetration.</p>
<p>Removal Procedures</p> <p>For the best removal results, the End Seal Tape shall be removed when the pipe temperature is below 35°C. 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.</p>		

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Canusa-CPS is registered to ISO 9001:2008

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the product data sheet when used in compliance with Canusa's written instructions. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this data sheet is to be used as a guide and is subject to change without notice. This data sheet supersedes all previous data sheets on this product. E&OE

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Since 1967, Canusa-CPS has been a leading developer and manufacturer of specialty pipeline coatings for the sealing and corrosion protection of pipeline joints and other substrates. Canusa-CPS high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate many specific project applications.