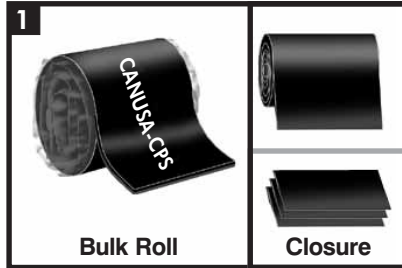


CanusaWrap™

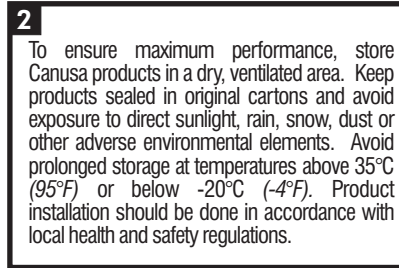
Two-piece protective bulk roll with separate closure

Product Description



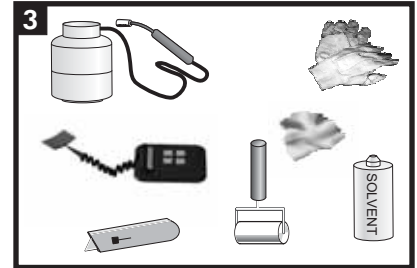
CanusaWrap™ is typically shipped in bulk rolls. The adhesive is protected from contamination by an inner liner. Closures are shipped either in bulk rolls or pre-cut.

Storage & Safety Guidelines




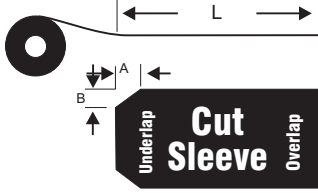
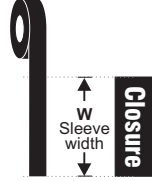
These installation instructions are intended as a guide for standard products. Consult your Canusa representative for specific projects or unique applications.

Equipment List



Propane tank, hose, torch & regulator
Appropriate tools for surface abrasion
Knife, roller, rags & Canusa approved solvent cleanser
Digital thermometer with suitable probe
Standard safety equipment: gloves, goggles, hard hat, etc.

Product Preparation Guidelines



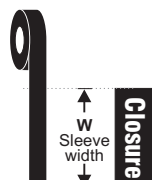
| 4 | Bulk Roll : Recommended Cutting Method | Closure |
|---|---|--|
|  <p>overlap</p> <p>Pipe O.D.: ≤450mm (18") 100 mm overlap >450mm (18") 150 mm overlap</p> |  <p>Cut Sleeve</p> <p>Corner Cuts <450mm Pipe O.D. A-50mm, B-25mm ≥450mm Pipe O.D. A-100mm, B-50mm</p> |  <p>Closure</p> <p>W Sleeve width</p> |

As a guideline, cut the required lengths of Sleeve material (L) and Closure material (W) from the bulk roll as follows


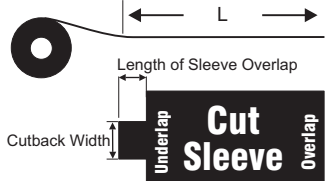
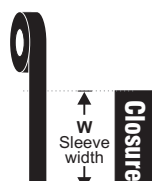
L = Coated Pipe circumference + overlap dimension

W = Sleeve Width

Ensure that the sleeve and closure are not damaged or contaminated. Trim corners as shown.

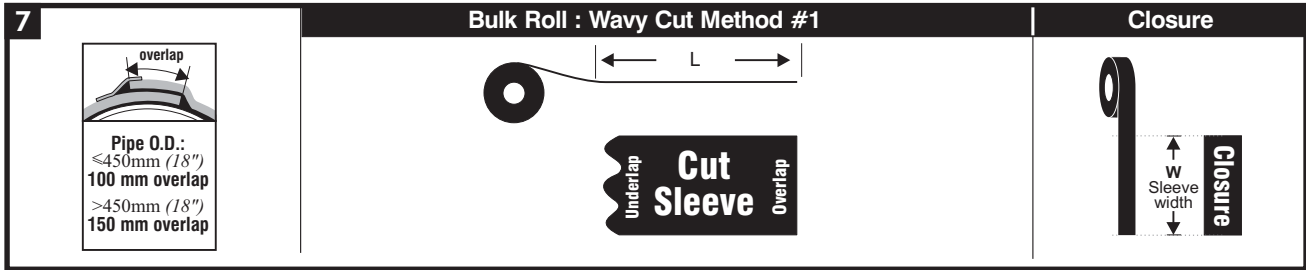
| 5 | Bulk Roll : Cove Cut Method | Closure |
|--|--|---|
|  <p>overlap</p> <p>Pipe O.D.: ≤450mm (18") 100 mm overlap >450mm (18") 150 mm overlap</p> |  <p>Cut Sleeve</p> |  <p>Closure</p> <p>W Sleeve width</p> |

This "cove cut" method minimizes that amount of material at the overlap and is an option to reduce thickness at this important area. However, it can be difficult for operators to repeat consistently in the field and is not always practical. Also, if not done properly, the underlap corners can become exposed after application making the sleeve susceptible to soil shear forces and lifting of the edges.

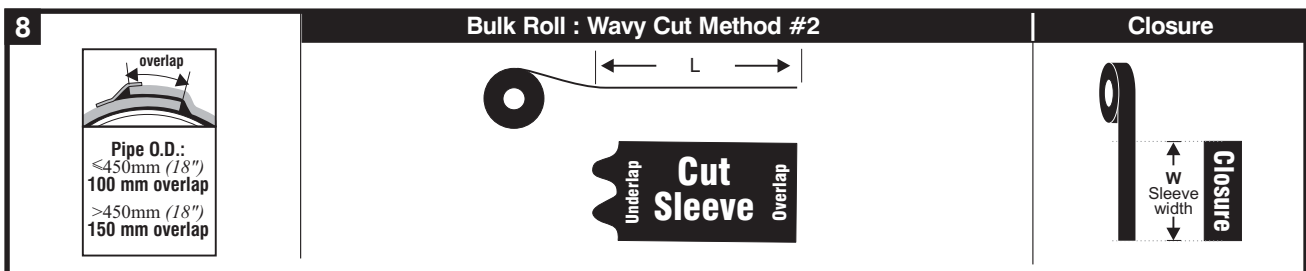
| 6 | Bulk Roll : Square Cut Method | Closure |
|--|--|---|
|  <p>overlap</p> <p>Pipe O.D.: ≤450mm (18") 100 mm overlap >450mm (18") 150 mm overlap</p> |  <p>Cut Sleeve</p> <p>Length of Sleeve Overlap Cutback Width</p> |  <p>Closure</p> <p>W Sleeve width</p> |

This "square cut" method eliminates the underlap material that would normally overlap onto the factory coating so that when the sleeve is wrapped around the pipe and overlapped onto itself, there will be only one layer of material on the factory coating, making it easier to bond to this area. When overlapping the sleeve, it is "buted" up against itself, making it possible for separation and therefore for water to penetrate at this location if not well sealed. As above, if not done properly, the underlap corners can become exposed after application making the sleeve susceptible to soil shear forces and lifting of the edges.

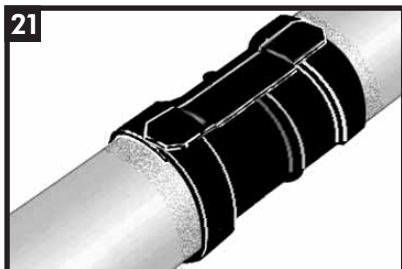
CanusaWrap™ Sleeve Cutting Guideline



This "wavy cut" method makes it more difficult for water to penetrate from the sleeve sides as the potential for a channel to be created at the sleeve underlap is minimized. This type of cut may be impractical in the field unless a cutting template is made and used on a consistent basis.



The benefits and limitations of this cutting method is the same as the above. With this option the underlap corners can also become exposed after application making the sleeve susceptible to soil shear forces and lifting of these edges.



After determining the preferred underlap cutting method, please refer to the sleeve specific CanusaWrap™ Installation Guide for further details.



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Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the installation guide 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 installation guide is to be used as a guide and is subject to change without notice. This installation guide supersedes all previous installation guides on this product. E&OE