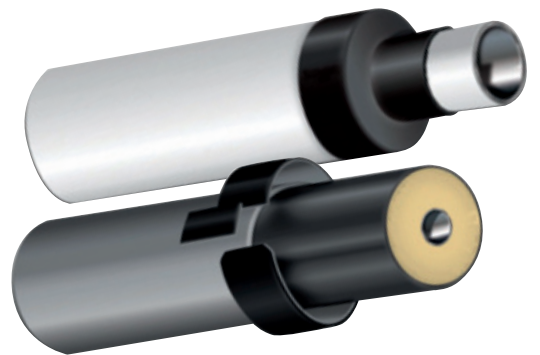




Zubehör für Pipelines

Heat Shrink Products
and Adhesive 4 pipes

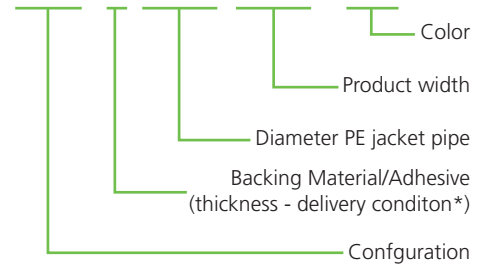


Product type and size

Shrink sleeves type WS are ready to use versions with no effort for cutting, roll version -B offers high flexibility.

Diameter PE jacket pipe	Ready-to-install shrink sleeve with integrated closure strip	Bulk roll cutting length (mm)		closure CLRU recommended width in mm	Minimum cutting length in mm (recommendation)
		circumference of PE muff on the sealing surface (mm) + sag approx. 10% of jacket pipe diameter + overlap 110 mm up to KMR 280, 150 mm ≥KMR 315			
mm	WS-X	Superseal T	Superseal L	CLRU	
90	WS-T 90-150	Superseal T-B150 mm	Superseal L-B150 mm	100	410
110	WS-T 110-150	Superseal T-B150 mm	Superseal L-B150 mm	100	480
125	WS-T 125-150	Superseal T-B150 mm	Superseal L-B150 mm	100	535
140	WS-T 140-150	Superseal T-B150 mm	Superseal L-B150 mm	100	585
160	WS-T 160-150	Superseal T-B150 mm	Superseal L-B150 mm	100	660
180	WS-T 180-150	Superseal T-B150 mm	Superseal L-B150 mm	100	730
200	WS-T 200-150	Superseal T-B150 mm	Superseal L-B150 mm	100	800
225	WS-T 225-150	Superseal T-B150 mm	Superseal L-B150 mm	100	890
250	WS-T 250-150	Superseal T-B150 mm	Superseal L-B150 mm	100	980
280	WS-T 280-150	Superseal T-B150 mm	Superseal L-B150 mm	100	1090
315	WS-T 315-225	Superseal T-B225 mm	Superseal L-B225 mm	150	1210
355	WS-T 355-225	Superseal T-B225 mm	Superseal L-B225 mm	150	1375
400	WS-L 400-225 BK	-	Superseal L-B225 mm	150	1510
450	WS-L 450-225 BK	-	Superseal L-B225 mm	150	1690
500	WS-L 500-225 BK	-	Superseal L-B225 mm	150	1870
560	WS-L 560-225 BK	-	Superseal L-B225 mm	150	2080
630	WS-L 630-300 BK	-	Superseal L-B300 mm	150	2330
670	WS-L 670-300 BK	-	Superseal L-B300 mm	150	2470
710	WS-L 710-300 BK	-	Superseal L-B300 mm	150	2615
800	WS-L 800-300 BK	-	Superseal L-B300 mm	150	2935
900	WS-L 900-300 BK	-	Superseal L-B300 mm	150	3290
1000	WS-L 1000-300 BK	-	Superseal L-B300 mm	150	3645
1100	WS-L 1100-300 BK	-	Superseal L-B300 mm	150	3990
1200	WS-L 1200-300 BK	-	Superseal L-B300 mm	150	4350

Dimensions and order information

WS-L 315-225 BK 	WS-ready to use shrink sleeve		Superseal bulk roll	
	T	L	T	L
	Color	BK-black		BK-black
Product width	150, 225, 300 mm		150, 225, 300, 600, 900 mm	
Diameter PE jacket pipe	see table: Product type and size			
Backing Material/Adhesive (thickness - delivery condition*)	0,6/0,9 mm	0,9/1,3 mm	0,6/0,9 mm	0,9/1,3 mm
Configuration	WS-ready to use shrink sleeve		B-bulk roll	

* tolerances ±10%

Installation Guide: Canusa Superseal™ 4 pipes



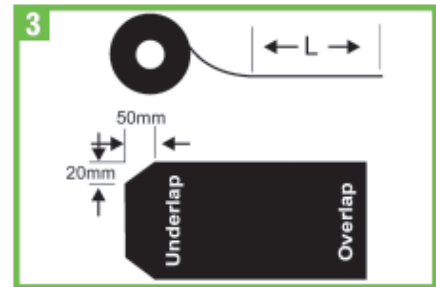
Installation guide shrinkable sleeve with separate closure strip



2

Shrinking:
 - Shrink sleeve approx. 25%
 - Closure strip 0%

Selection PE XXmm	Shrinkable sleeve -B-XXX-30	Closure strip CLRU
90-280	.. 150	... 100-150
315-560	.. 225	... 150-225
> 560	.. 300	... 150-300



3

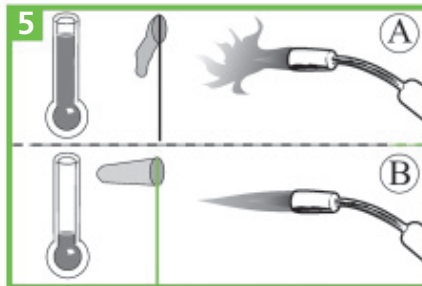
Cutting length: circumference of PE sleeve on the sealing surface (mm) + sag approx. 10% of jacket pipe diameter + overlap 110 mm up to KMR 280, 150 mm ≥KMR 315

Corner formation: Underlap approx. 20 x 50 mm

Check the cut of the Superseal shrink sleeve for damage, dirt and moisture, replace the product if the quality is impaired.



- Necessary tools:**
1. Propane tank with safety fittings, hose, torch & regulator
 2. Appropriate tools for surface abrasion: 40-60 grade sandpaper
 3. Knife, pincer
 4. Roller
 5. Triangular scraper
 6. Rags (lint free) & approved solvent cleaner
 7. Digital thermometer with suitable probe
 8. Standard safety equipment; gloves, goggles, etc.



- Adapt the propane flame to the respective construction site conditions:**
- a) Softer, yellow flame when there is no wind, sunshine and higher outside temperatures.
 - b) Harder, blue flame in wind and lower outside temperatures.
- The risk of burns can be minimised by vertically guiding the propane flame to the Superseal product and keeping a constant circumferential movement.



- Preparatory work:**
- Drying and cleaning of carrier pipe and joint casing (inside); Removal of all moist PUR foam from the pipe end faces; Dry the sealing surfaces (width Superseal product + at least 50 mm on both sides) with the propane flame and pre-clean loose dirt with a dry, grease- and lint-free cloth.**



Remove plastic burrs, sharp edges, adhesive PUR foam and dirt with a triangular scraper or rasp.



Degreasing the sealing surface with PE cleaner resp. ethanol/spirit (min. 94%) and a dry, grease- and lint-free, non-staining cloth.

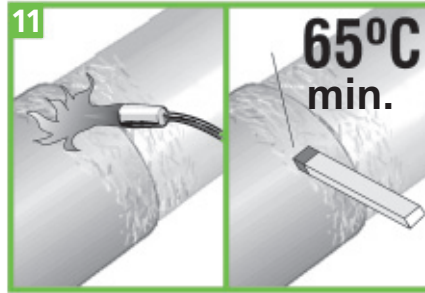


Roughen the sealing surface with emery cloth (grain 40-60), approx. 50 mm wider than the shrink sleeve.

Installation Guide: Canusa Superseal™ 4 pipes



Final cleaning of the sealing surface to remove the loose HDPE and sand particles caused by the roughening with a dry, grease- and lint-free cloth.



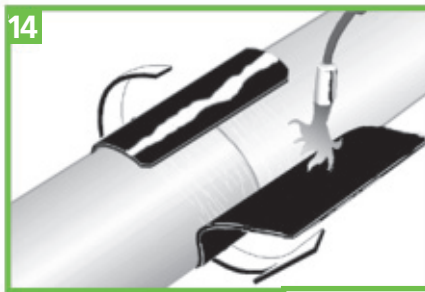
Preheat the entire sealing surface to at least 65°C with a soft propane flame. Check using, for example, a digital thermometer or temperature stick.



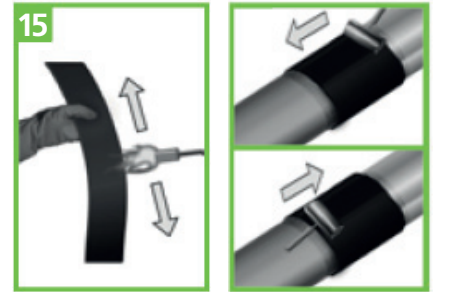
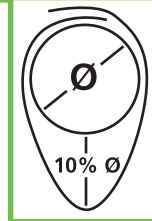
Cut off the corners of the sleeve approx. 20 x 50 mm on one side for later underlapping. Pull the separating film approx. 15 cm from the end of the shrink sleeve (underlap) and briefly heat the hot-melt adhesive with the propane flame.



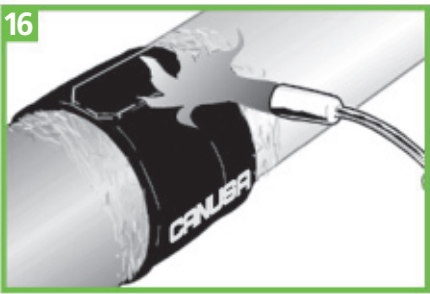
Place the end of the Superseal product centrally over the socket pipe/joint casing transition area and perpendicular to the pipe axis approximately on the apex of the pipe, press the heated area firmly with the heel of your hand.



Lay the Superseal product loosely (slack approx. 10% of the joint casing diameter) around the socket and joint casing. Completely remove the release film and briefly heat the hot-melt adhesive at the end of the shrink sleeve (overlap). Apply the appropriate overlap without offsetting the edge and press the heated area firmly with the heel of your hand.



Heat the adhesive side of the closure strip until it is shiny and sticky. Then press the closure onto the overlap with the roller.



Using a soft propane flame, strip off the separate closure strip. Press the closure strip with the roller over the entire surface, vertically and as firmly as possible onto the shrink sleeve. At the end, the fastening tape must be connected to the entire surface of the shrink sleeve. If necessary, press the edges of the CLRU closure with the roller during the shrinking process.



Proceed with the shrinking process with a soft propane gas flame first on the sleeve, then on the jacket pipe until Superseal is smooth and bubble-free and the adhesive has flow out on both sides. The glue must be melted once - fingertip test. At the end of the shrinking process, while the glue is still liquid, press down the overlapping area vertically with the roller.

