

Canusa SuperStop CSS and CSS2

Heat shrinkable end cap for protection of pre-insulated pipe ends

Canusa SuperStop™ is a heat shrinkable product intended for sealing and protection of foam at the ends of pre-insulated pipes. The moulded design of this product ensures tight conformance to both, carrier and casing pipes, thus resulting in an effective and reliable barrier against moisture ingress into the foam. SuperStop's™ crosslinked polyethylene backing, in combination with high temperature mastic adhesive allow for simple, fast and consistent field application.

Effective Foam Sealing

- Cross-linked polyethylene backing delivers superior conformance of the SuperStop™ to the shape of the foam cutback, thus ensuring complete contact of the adhesive with the underlying substrates, and resulting in a barrier impenetrable to moisture ingress
- The adhesive utilized with this product has been designed to provide exceptional sealing properties across a wide range of operating temperatures.

Simple, fast and consistent installation

- Shape moulded based on the profile of foam cutback guarantees tailored fit and proper positioning of the End Caps during installation
- Canusa SuperStops™ are supplied with pre-applied adhesive, thus reducing installation time and complexity
- Cross-linked polyethylene backing allows for extremely fast shrinking without the possibility of overheating the product during installation

Proven Track Record

- SuperStops™ have been protecting joints of pre-insulated pipes for over 25 years
- Canusa End Caps comply with EN 489 pressure testing requirements and have been customized to comply with other project specific pressure requirements.



Applications

-  Pre-Insulated Pipes
-  Oil & Gas
-  End Seal
-  High Temperature



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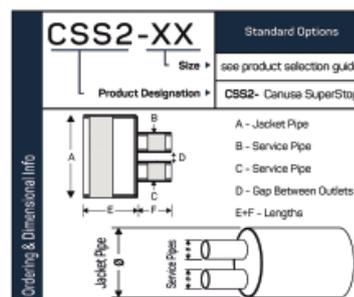
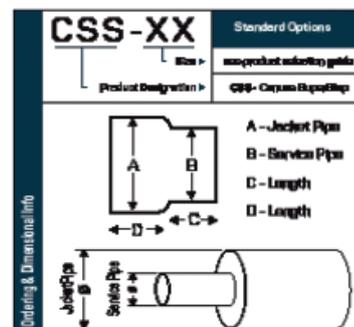
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Adhesive Properties	Standard	Typical Values
Water Absorption	ASTM D570	< 0.1 %
Lap Shear @ 23°C	EN 12068	17 N/cm ²
Backing Properties		
Tensile Strength	ASTM D638	22 MPa
Elongation	ASTM D638	450
Sleeve Properties		
Adhesion Strength@ 23°C	ISO 21809-3	14 N/cm

Product Selection Guides

CSS Sizes								
CSS Size	Large Diameter A		Small Diameter B		Thickness Recovered	Length (recovered)		Adhesive Width
	Supplied	Recovered	Supplied	Recovered		C	D	
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
CSS-10	105	47	30	10	2.2	75	40	30
CSS-20	140	75	30	15	2.2	75	40	30
CSS-30	105	75	40	24	2.2	75	40	30
CSS-40	135	75	55	24	2.2	75	40	30
CSS-50	148	75	60	24	2.2	75	40	30
CSS-60	175	135	60	30	2.2	80	45	30
CSS-70	150	90	90	40	2.2	80	45	30
CSS-80	195	130	95	50	2.2	80	45	30
CSS-90	240	145	145	68	2.2	80	45	30
CSS-100	270	145	150	68	2.2	80	45	30
CSS-110	295	220	180	120	2.2	100	50	30
CSS-120	360	220	255	120	2.2	100	50	30
CSS-130	420	340	280	200	2.2	100	50	30
CSS-140	540	340	415	200	2.2	100	50	30
CSS-150	680	480	570	360	2.7	115	70	30
CSS-160	750	480	640	360	2.7	115	70	30



CSS2 Sizes												
CSS Size	Large Diameter A		Small Diameter B		Small Diameter C		Gap between Small Diameter Outlets - D		Length (recovered)		Thickness Recovered	Adhesive Width
	Supplied	Recovered	Supplied	Recovered	Supplied	Recovered	Supplied	Recovered	E	F		
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
CSS2-10	135	85	28	10	28	10	12	20	90	55	2.2	30
CSS2-20	145	85	34	19	21	10	15	20	90	55	2.2	30
CSS2-30	160	105	60	24	50	20	10	20	90	55	2.2	30
CSS2-40	185	135	48	24	28	14	15	31	90	55	2.2	30
CSS2-50	185	140	34	24	34	24	15	22	90	55	2.2	30
CSS2-60	200	140	48	24	48	24	10	22	90	55	2.2	30
CSS2-70	235	140	60	24	60	24	10	22	90	55	2.2	30
CSS2-80	200	140	62	50	34	24	8	30	90	55	2.2	30
CSS2-90	250	175	85	55	85	55	15	20	90	55	2.2	30
CSS2-100	260	175	105	55	105	55	15	20	90	55	2.2	30

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.