

Canusa Foam Seal

Casing foaming hole sealing and protection patch

Canusa-CPS is a leading manufacturer of specialty pipeline coatings which, for over 30 years, have been used for sealing and corrosion protection of pipeline joints and other substrates. Canusa high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate your specific project applications.

Product Description

The Canusa Foam Seal is a heat-resistant, foaming hole closure system for pre-insulated pipe casings (example: district heating pipe systems). The Canusa Foam Seal is made from a crosslinked polyolefin backing combined with a high shear adhesive providing a high quality, reliable system for protection and sealing of casing foaming holes.

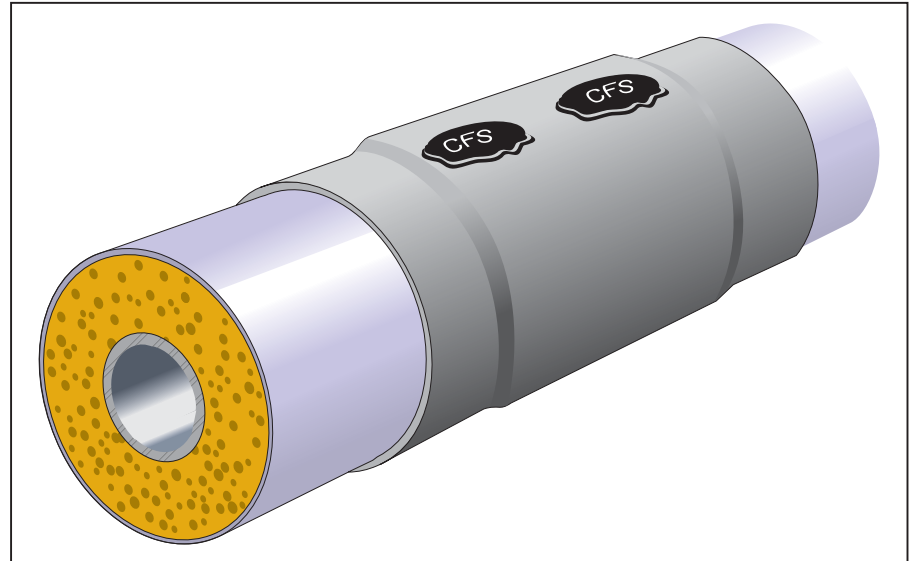
Features & Benefits

Strong Seal

Canusa's Foam Seal has been engineered to provide excellent sealing for casings. This is achieved using a crosslinked shrinkable polyolefin backing with a high shear adhesive. This gives excellent resistance to soil stress, temperature cycling effects and pipe movements resulting in a strong and effective long term seal.

Reduces Installation Time per Joint.

The Canusa Foam Seal has a unique feature which allow for quick, easy, and reliable field installation. The pre-coated adhesive has serrations which disappear during installation when sufficient heat is applied. This innovation greatly reduces installation time. Furthermore, correct installation can be done more consistently with the assurance of a quality casing joint every time.



Assured Performance.

The Canusa Foam Seal is designed to meet and exceed the stringent requirements of the European Standard, EN489 for District Heating products.

Typical Product Properties



	Test Standard	Unit	Typical
Adhesive	Softening Point	ASTM E28	°C 105
	Lap Shear	DIN 30 672	N/cm ² 70
Backing	Specific Gravity	ASTM D792	0.93
	Tensile Strength	ASTM D638	MPa 24
	Elongation	ASTM D638	% 700
	Hardness	ASTM D2240	Shore D 48
	Abrasion Resistance	ASTM D1044	mg 35
	Volume Resistivity	ASTM D257	ohm-cm 10 ¹⁷
	Dielectric Vltg Brkdwn.	ASTM D149	kV/mm 27
Patch	Peel	ASTM D1000	N/cm 60
	Peel	DIN 30 672	N/cm 55
	Water Absorption	ASTM D570	% 0.05
	Low Temp. Flexibility	ASTM D2671C	°C -24
	Approval	EN489	pass/fail pass

(100 cycles followed by external water pressure of 30kPa for 24h at 30°C)



How to Order

Dimensions & Ordering Info	CFS - Canusa Foam Seal
Product Diameter	▶ 93 mm
Adhesive (thickness as supplied)	▶ 0.8 mm
Backing (thickness as supplied)	▶ 0.8 mm
Configuration	▶ CFS

Applications

-  Pre-Insulated Pipes
-  Foam-In-Place

Configurations

-  Secondary Patch
-  Casing Compatible

Pipe Sizes

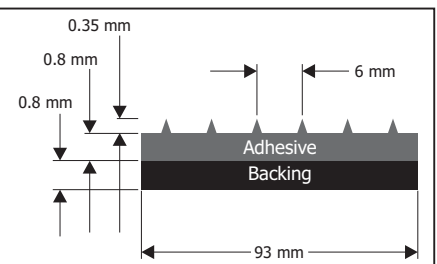
-  All

Temperature Range

-  up to 50°C (122°F)

Approvals

-  EN 489



The product selection chart shown here is intended as a guide for standard products. Consult your Canusa representative for specific projects or unique applications. Below are typical values based on Heavy Duty (L-thickness) Sleeves.

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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

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