

# 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, CFS, has been engineered to provide sealing over weldable foaming plugs on Joint Casing Systems utilized on Pre-Insulated Pipes. The product features a unique combination of cross-linked shrinkable polyolefin backing and a high shear adhesive to provide excellent resistance to soil stresses, caused by pipe movements, and temperature cycling effects, resulting in a strong and effective long term seal.

#### Simplified and Consistent Installation

The Canusa Foam Seal design incorporates a unique installation aid. Namely, the pre-coated adhesive changes from a matte to a glossy finish during installation, thus indicating sufficient heat application. This innovation greatly improves product installation consistency, while reducing the installation time.

#### Assured Performance

The Canusa Foam Seal has been engineered to meet and exceed the stringent requirements of the European Standard, EN489 for District Heating products. The unique, high shear, hot melt adhesive used on the CFS product ensures long term watertight seal.

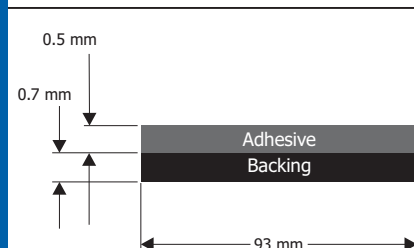


### Typical Product Properties



	Test Standard	Unit	Typical
<b>Backing</b>	Specific Gravity	ASTM D792	0.93
	Tensile Strength	ASTM D638	MPa 22
	Elongation	ASTM D638	% 600
	Hardness	ASTM D2240	Shore D 55
	Abrasion Resistance	ASTM D1044	mg 30
<b>Patch</b>	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)		

### Dimensions



Dimensions & Ordering Info	CFS - Canusa Foam Seal
Product Diameter	▶ 93 mm
Adhesive (thickness as supplied)	▶ 0.5 mm
Backing (thickness as supplied)	▶ 0.7 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

### How To Order:

Description	Foam Seal
Pipe Size	All
Designation	CFS
Configuration	93mm Ø - 50 pcs

\* CFS supplied in a bag of 50 pieces

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