

Foam Seal

ATFS™

PRODUCT DESCRIPTION

AT Foam Seal is a heat-resistant circular sealing patch designed to protect and seal foaming holes in pre-insulated pipe-joint casings. The system combines a crosslinked polyethylene backing with a high-shear-strength adhesive to provide a durable, water-resistant seal over approved hole plugs. AT Foam Seal is supplied in a nominal diameter range of 90-100 mm for convenient field application on pre-insulated piping systems.

PRODUCT FEATURES

High-Strength Seal

- High-shear-strength adhesive supports a watertight seal.
- Crosslinked polyethylene backing provides mechanical protection.
- Circular patch geometry helps resist multidirectional soil forces.

Simple Installation

- Low preheat requirement supports efficient field application.
- Supplied as ready-to-use circular sealing patches.
- Designed for pre-insulated pipe foaming-hole protection.

Assured Performance

- Crosslinked polyethylene backing provides durable protection.
- Designed for sealing and protection over approved foaming-hole plugs.



Casing Foaming-Hole Sealing and Protection Patch



STANDARD COMPLIANCE

STANDARD	COMPLIANCE
STANDARD NAME	
EN 489	Compliant*
Pre-insulated bonded pipe systems - joint assembly performance requirements	
* Compliance is subject to the approved AT product configuration, applicable qualification testing and project-specific requirements.	

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AT Foam Seal - Casing Foaming-Hole Sealing and Protection Patch

Product Configuration	Unit	Typical Value	Test Method
Product Diameter	mm	90-100	Dimensional
Adhesive Thickness (as supplied)	mm	0.5	Dimensional
Backing Thickness (as supplied)	mm	0.7	Dimensional
Backing Properties	Unit	Typical Value	Test Method
Tensile Strength	MPa	22	ASTM D638
Elongation	%	600	ASTM D638
Hardness	Shore D	55	ASTM D2240
Specific Gravity	-	0.93	ASTM D792
Abrasion Resistance	mg	30	ASTM D1044
Patch Properties	Unit	Typical Value	Test Method
Water Absorption	%	0.05	ASTM D570
Low-Temperature Flexibility	°C	-24	ASTM D2671C



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