



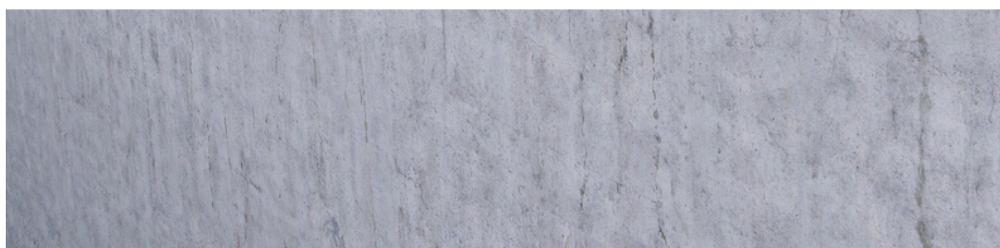
FOR PENETRATIONS WITH
CABLE BUNDLES AND PIPES

ArmaProtect FW1

Firestop wrap for fire seals in walls and
floors

- // Non-combustible pipes up to \varnothing 323.9mm with
combustible insulation
- // Composite pipes
- // Conduits and conduit bundles

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 **armacell**[®]
ArmaProtect[®]

TECHNICAL DATA - ARMAPROTECT FW1

Brief description	ArmaProtect FW1 is a fabric-based firestop wrap that helps to maintain the fire resistance performance of fire penetrations in walls and floors.
Material type	Glass filament fabric composite with insulation layer forming coating on the inside and the outside.
Product colour range	Red on the outside, anthracite on the inside
Special features	Flexible and tear-resistant.
Product range	Firestop wrap roll with dimensions of 10m x 100mm x 1.5mm in a cardboard box.
Applications	Firestop wrap for fire seals in walls and floors for cable bundles, conduit bundles and combustible pipes.
Installation	For professional use only. Refer to third party published listings, national approvals / assessments and Armacell's product literature for specific application details as well as before handling this product.

Specification compliance

Specification compliance	<ul style="list-style-type: none"> ETA-22/0063 and ETA-22/0064 acc. EN 1366-3 UL acc. UL 1479 (ASTM E814)
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Property	Value / Assessment	Standard / Test method
Operating temperature		
Operating temperature	-40°C to 70°C (-40°F to 158°F)	
Processing Temperature		
Processing temperature	5°C to 25°C (41°F to 77°F)	
Fire Performance and Approvals		
Reaction to fire	Class E	EN 13501-1
Use category	Type X: intended for use in conditions exposed to weathering. Type Y1: intended for use at temperatures below 0°C with exposure to UV but no exposure to rain Type Y2: intended for use at temperatures below 0°C, but with no exposure to rain or UV. Type Z1: intended for use in internal conditions with humidity equal to or higher than 85% RH excluding temperatures below 0°C, without exposure to rain or UV. Type Z2: intended for uses in internal conditions with humidity lower than 85 % RH excluding temperatures below 0°C, without exposure to rain or UV.	EOTA TR 024
Passive fire protection		
Fire resistance of elements of construction	UL approved system: FT-Rating - up to 3 hours	ANSI/UL 1479 (ASTM E814)
Health and environment		
Health aspects	Please refer to the safety data sheet available on our website.	
Emission of dangerous substances	No dangerous substances.	ETAG 026-02
Other technical features		
Shelf life	No shelf life.	
Storage	Store / Transport in a cool and dry place with an ambient temperature of 5 °C to 25 °C (41°F to 77°F) and protect from frost.	

Firestop wrap

Item	Description	Content [quantity]
PRO-FW1-10M	ArmaProtect FW1 Firestop wrap (10 m x 100 mm x 1,5 mm)	1 piece

Accessories

Item	Description	Content [quantity]	Content [quantity]
PRO-ID-SET	ArmaProtect ID identification plate set. 14 pieces in a set.	70 piece	5 set

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ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 27 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.



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