

Arma-Chek®
Silver 350

THE PROFESSIONAL COVERING SYSTEM
WITH EXCELLENT AESTHETIC
APPEARANCE



- Silver finish for excellent aesthetic appearance
- Easy to install, maintain and clean
- Time saving in comparison with metal jacketting
- Reduces risk of galvanic corrosion

- Excellent mechanical, UV and weather resistance
- Complete system solution with prefabricated elbows, tees and end caps
- Tear and puncture resistant
- Inherent curl-effect for maximum security on pipes



Technical Data - Arma-Chek Silver 350

Brief description	Arma-Chek® Silver 350 is a multi-layer laminate of aluminum, coated with special UV protection and a polymer backing. It is a professional insulation covering system with a bright metallic finish to provide mechanical resistance with an excellent aesthetic look.		
Material type	Highly flexible, 3-layer composite film of metallic appearance with aluminium intermediate layer and UV protection.		
Colour	Silver		
Product Range	Arma-Chek® Silver 350 is available in a range of silver covering on rolls and in pre-fabricated elbows, tees and end caps.		
Applications	Insulation and protection of pipes, ducts and vessels of refrigeration and air conditioning equipment in commercial buildings, government institutes, food, industrial plants and manufacturing facilities...etc.		
Property	Value/Assessment		Special Remark
Temperature Range			
Temperature Range	max. service temperature	+75 °C	Tested According to EN 14706 EN 14707 EN 14304
	min. service temperature	-25 °C	
Fire performance			
Reaction to fire	Surface Spread of Flames	Class 1	Surface Spread of Flame:Tested acc. to BS 476 Part 7:1997 Fire Propagation: Tested acc. to BS 476 Part 6: 1989
	Fire Propagation	Total Index (I) ≤ 12 ; Sub Index (I ₁) ≤ 6	
	Fire Performance According to UK Building Regulations	Class 0	
Other Fire Class	Flammability Index	3	Test acc. to AS 1530.2-1993 ISO 4589-2: 1996 GB 8624
	LOI	> 35%	
	SBI reaction to Fire	Class B	
Weight	512 g/m ²		Test acc. to EN 22286
Material thickness	350 µm		Test acc. to ASTM D5947-06
Resistance to mechanical impact	> 200 N		Test acc. to ASTM D4833-07
UV resistance	Excellent		Tested acc. to ASTM G 26A and JIS K 7350-2
Tensile strength	> 50 MPa		Tested acc. to EN ISO 527-1: 1996 EN ISO 527-3: 1995
Elongation	> 50%		Tested acc. to EN ISO 527-1: 1996 EN ISO 527-3: 1995
Tear Force	> 7.0 N		Tested acc. to ASTM D 1938-08
Puncture Resistance	> 200 N		Tested acc. to ASTM D 4833-07
Emittance	Reflectance (ρ) 0.38 Emittance (ε) 0.62		Tested acc. to ASTM E 408, Method A
Saltwater resistance	No visible delamination or deformation (200 hour immersion in 10% saltwater 23 ± 2°C)		
Chemical Resistance	Please consult our Technical Department		
Artificial weathering	UV testing	Pass	Tested According to EN ISO 4892 - 2 METHOD A

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. Installation instructions are available in our Arma-Chek installation manual. Armaflex 520 adhesive must be used to guarantee proper installation.

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