

**Arma-Chek<sup>®</sup>**  
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 jacketing
- 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

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.		
<b>Property</b>	<b>Value/ Assessment</b>		<b>Special remarks</b>
<b>Temperature Range</b>			
Temperature Range	max. service temperature	+75 °C	
	min. service temperature	-25 °C	
<b>Fire Performance</b>			
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 <sub>1</sub> ) ≤ 6	
	Fire Performance According to UK Building Regulations	Class 0	
Other Fire Class	Flammability Index	3	Tested acc. to AS 1530.2-1993 ISO 4589-2: 1996 GB 8624
	LOI	> 35%	
	SBI reaction to Fire	Class B	
Weight	512 g/m <sup>2</sup>		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, ISO 4892-2 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 4833-07
Puncture Resistance	> 200 N		Tested acc. to ASTM E 408, Method A
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		

All statements and technical information are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the information is appropriate for the specific use intended by the recipient. Installation instructions are available in our Arma-Chek® installation manual. Armaflex® 520 Adhesive must be used to guarantee proper installation.

# Arma-Chek Silver 350 covering endless



Code	Width [mm]	Roll length [m]	Rolls/carton	m <sup>2</sup> /carton
ACH-SI25-350	1,200	25	1	30
ACH-SICE25-350	1,200	25	1	30

Remarks Item code ACH-SICE25-350 is Arma-Chek Silver Curl-effect Roll, weight 16 kg

# Arma-Chek Silver 350 pre-fabricated elbows



Pipe max. Outside-Ø [mm]	19.0 mm insulation thickness		25.0 mm insulation thickness	
	Code	Pieces/carton	Code	Pieces/carton
12	ACHB-20X012	20	-	-
18	ACHB-20X018	20	-	-
22	ACHB-20X022	20	ACHB-25X022	20
28	ACHB-20X028	20	ACHB-25X028	20
35	ACHB-20X035	20	ACHB-25X035	20
42	ACHB-20X042	20	ACHB-25X042	20
48	ACHB-20X048	20	ACHB-25X048	20
54	ACHB-20X054	20	-	-
60	ACHB-20X060	20	ACHB-25X060	20
64	ACHB-20X064	20	-	-
76	ACHB-20X076	20	ACHB-25X076	20
89	ACHB-20X089	20	ACHB-25X089	10
102	ACHB-20X102	20	ACHB-25X102	10
108	ACHB-20X108	20	ACHB-25X108	10
114	ACHB-20X114	20	ACHB-25X114	5
140	-	-	ACHB-25X140	5
159	-	-	ACHB-25X159	5
168	-	-	ACHB-25X168	5

Pipe max. Outside-Ø [mm]	30.0 mm insulation thickness		40.0 mm insulation thickness	
	Code	Pieces/carton	Code	Pieces/carton
22	ACHB-30X022	20	ACHB-40X022	20
28	ACHB-30X028	20	ACHB-40X028	20
35	ACHB-30X035	20	ACHB-40X035	20
42	ACHB-30X042	20	ACHB-40X042	20
48	ACHB-30X048	20	ACHB-40X048	20
54	ACHB-30X054	20	-	-
60	ACHB-30X060	20	ACHB-40X060	20
64	ACHB-30X064	20	-	-
76	ACHB-30X076	20	ACHB-40X076	10
89	ACHB-30X089	10	ACHB-40X089	10
102	ACHB-30X102	10	ACHB-40X102	10
108	ACHB-30X108	10	ACHB-40X108	10
114	ACHB-30X114	5	ACHB-40X114	5
140	ACHB-30X140	5	ACHB-40X140	5
159	ACHB-30X159	5	ACHB-40X159	5
168	ACHB-30X168	5	ACHB-40X168	5

## Arma-Chek Silver 350 pre-fabricated elbows



Pipe max. Outside-Ø [mm]	50.0 mm insulation thickness			
	Code	Pieces/carton		
22	ACHB-50X022	20	-	-
28	ACHB-50X028	20	-	-
35	ACHB-50X035	20	-	-
42	ACHB-50X042	20	-	-
48	ACHB-50X048	10	-	-
54	ACHB-50X054	10	-	-
60	ACHB-50X060	10	-	-
64	ACHB-50X064	10	-	-
76	ACHB-50X076	10	-	-
89	ACHB-50X089	10	-	-
102	ACHB-50X102	5	-	-
108	ACHB-50X108	5	-	-
114	ACHB-50X114	5	-	-
159	ACHB-50X159	5	-	-
168	ACHB-50X168	5	-	-

## Arma-Chek Silver 350 pre-fabricated 45° bends



Outer-Ø [mm] of insulation	Code	Pieces/carton
52	ACH45-052	10
58	ACH45-058	10
62	ACH45-062	10
72	ACH45-072	10
75	ACH45-075	10
78	ACH45-078	10
82	ACH45-082	10
85	ACH45-085	10
88	ACH45-088	10
92	ACH45-092	10
95	ACH45-095	10
98	ACH45-098	10
102	ACH45-102	10
110	ACH45-110	10
115	ACH45-115	10
120	ACH45-120	10
128	ACH45-128	10
136	ACH45-136	10
141	ACH45-141	10
149	ACH45-149	10
154	ACH45-154	10
160	ACH45-160	10
167	ACH45-167	10
180	ACH45-180	10
189	ACH45-189	10
193	ACH45-193	10
206	ACH45-206	10
219	ACH45-219	10

## Arma-Chek Silver 350 pre-fabricated T-Piece



Outer-Ø [mm] of insulation	Code	Pieces/carton
67	ACHT-067	20
73	ACHT-073	20
82	ACHT-082	20
88	ACHT-088	20
93	ACHT-093	20
100	ACHT-100	20
102	ACHT-102	20
108	ACHT-108	20
116	ACHT-116	20
120	ACHT-120	20
128	ACHT-128	20
130	ACHT-130	20
136	ACHT-136	20
140	ACHT-140	10
149	ACHT-149	10
156	ACHT-156	10
160	ACHT-160	10
169	ACHT-169	10
176	ACHT-176	10
182	ACHT-182	10
189	ACHT-189	10
194	ACHT-194	10
214	ACHT-214	10
245	ACHT-245	10
268	ACHT-268	10
300	ACHT-300	10

## Arma-Chek Silver 350 pre-fabricated cap ends



Outer-Ø [mm] of insulation	Code	Pieces/carton
60-70	ACHC-070	10
70-80	ACHC-080	10
80-90	ACHC-090	10
90-100	ACHC-100	10
100-110	ACHC-110	10
110-130	ACHC-130	10
130-150	ACHC-150	10
150-170	ACHC-170	10
170-190	ACHC-190	10
190-210	ACHC-210	10
210-250	ACHC-250	10
250-290	ACHC-290	10
290-330	ACHC-330	10
330-360	ACHC-360	10
360-400	ACHC-400	10
400-480	ACHC-480	10
480-530	ACHC-530	10

## Arma-Chek Silver 350 self-adhesive tapes



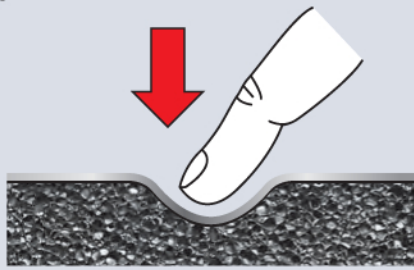
Code	Article description	Width [mm]	Length [m]	Thickness [mm]	Rolls/carton
ACH-PSATAPES-30	Arma-Chek Silver tape, silver, 1.8 kg (25m x 30mm x 0.08mm)	30.0	25	0.08	10
ACH-PSATAPES-50	Arma-Chek Silver tape, silver, 3.4 kg (50m x 50mm x 0.08mm)	50.0	50	0.08	6

## Arma-Chek Silver 350 accessories

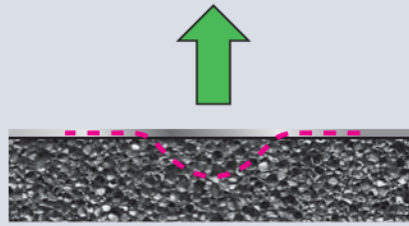


Code	Article description	Pieces/carton
ACH-RIVETS	Plastic rivets (1 pack of 1,000 pcs)	1000
ACH-SPATULA	Tape spatula : 50mm(W) x 100m(L) x 3mm (T)	1
ACH-TOOL	Rivel tool	1

# Compression Resistance



Pressure

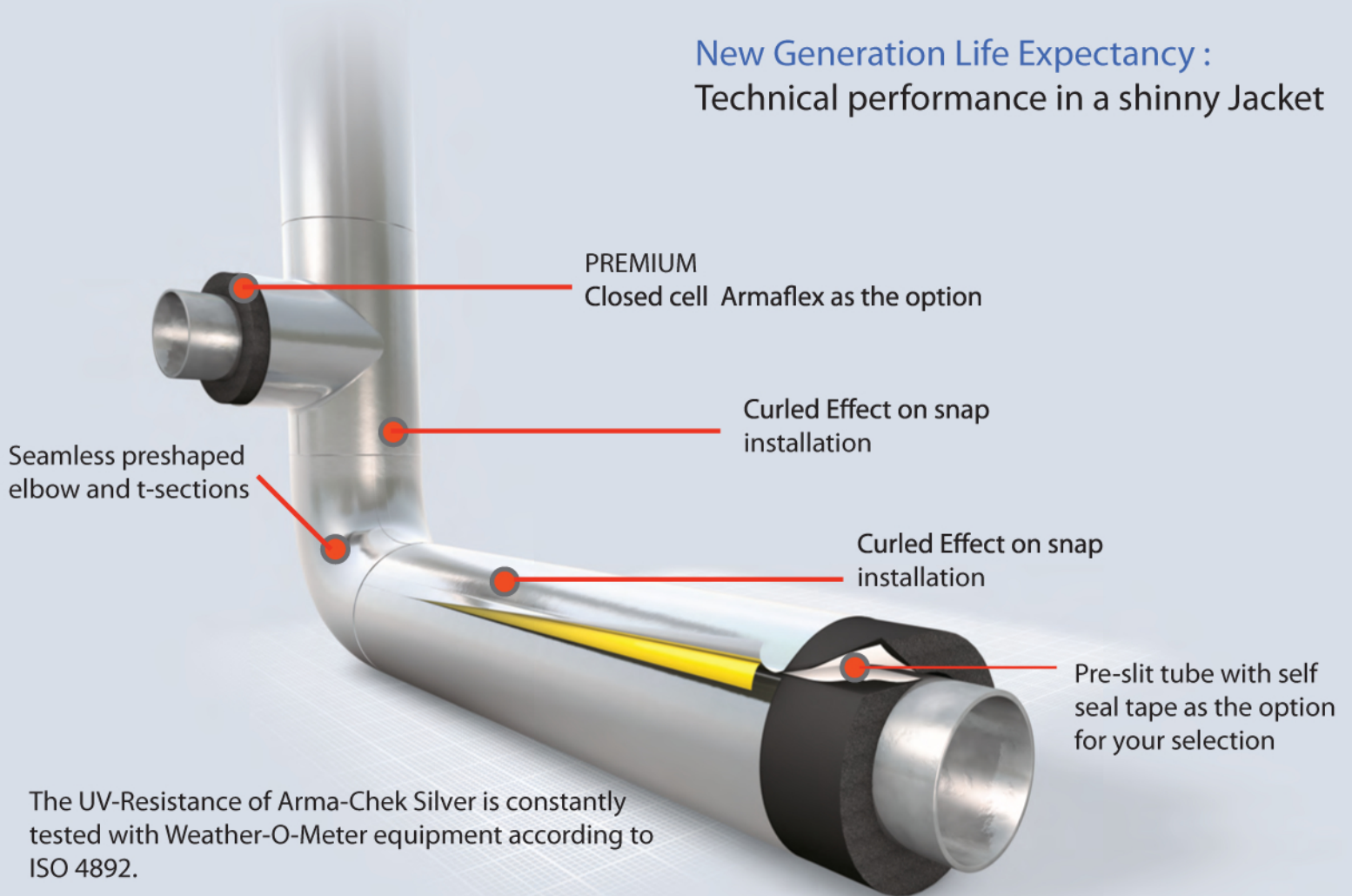


Recovery of Arma-Chek Silver



Recovery of Traditional metal cladding

## New Generation Life Expectancy : Technical performance in a shiny Jacket



PREMIUM  
Closed cell Armaflex as the option

Seamless preshaped  
elbow and t-sections

Curled Effect on snap  
installation

Curled Effect on snap  
installation

Pre-slit tube with self  
seal tape as the option  
for your selection

The UV-Resistance of Arma-Chek Silver is constantly tested with Weather-O-Meter equipment according to ISO 4892.

The samples are exposed to simulated weather for at least 15000 hours, which equals estimated 15 years of outdoor application.

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advanced insulation

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