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 aluminum 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
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**Temperature Range** | | Tested According to EN 14706
min. service temperature | -25 °C | EN 14707
max. service temperature | +76 °C | EN 14304

**Fire performance**

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<th>Property</th>
<th>Value/Assessment</th>
<th>Special Remark</th>
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**Reaction to fire** | Surface Spread of Flames | Class 1 |
Fire Propagation | Total Index (I) ≤ 12 ; Sub Index (i) ≤ 6 | Surface Spread of Flame: Tested acc. to BS 476 Part 7:1997 Fire Propagation: Tested acc. to BS 476 Part 6: 1989 |
Fire Performance According to UK Building Regulations | Class 0 | |
**Other Fire Class** | Flammability Index | 3 |
LOI | > 35% | Test acc. to AS 1530.2-1993 ISO 4589-2: 1996 GB 9624 |
SBI reaction to Fire | Class B | |
**Weight** | 512 gr/m² | 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 D4933-07 |
**UV resistance** | Excellent | Tested acc. to ASTM G 26A and JIS K 7360-2 |
**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
Emissivity (ε) 0.52 | Tested acc. to ASTM E 408, Method A |
**Saltwater resistance** | No visible delamination or deformation
(200 hour immersion in 10% saltwater 23 ± 2°C) | Tested According to EN ISO 4892 - 2 METHOD A |
**Chemical Resistance** | Please consult our Technical Department | |
**Artificial weathering** | UV testing | Pass |

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. Armadex 520 adhesive must be used to guarantee proper installation.