



# AvantGuard Clad 530 S-AD

Technical Datasheet 2025

# AvantGuard Clad 530 S-AD

## TECHNICAL DATASHEET

### COMPOSITION

Multilayer laminate featuring UV-protection, aluminum and PVC

### VISIBLE SURFACE

Silver, glossy

### BACKSIDE

Self-adhesive layer with peel-off liner

| TECHNICAL DATA                | unit             | setpoint      | test          |
|-------------------------------|------------------|---------------|---------------|
| Total weight (incl. adhesive) | g/m <sup>2</sup> | 578 [+/- 15%] | EN ISO 2286-2 |
| Thickness (incl. adhesive)    | µm               | 460 [+/- 15%] | DIN 53370     |
| Tensile strength (MD)         | N/15 mm          | 235           | EN 13934-1    |
| Tensile strength (CD)         | N/15 mm          | 225           | EN 13934-1    |
| Elongation (MD)               | %                | 35            | EN 13934-1    |
| Elongation (CD)               | %                | 35            | EN 13934-1    |
| Tear strength (MD)            | N                | 55            | DIN 53363     |
| Tear strength (CD)            | N                | 55            | DIN 53363     |
| Puncture resistance Ø 0,8mm   | N                | 26            | EN 14477-2002 |
| Puncture resistance Ø 3,0mm   | N                | 112           | EN 14477-2002 |
| Working temperature           | °C               | -25 to 75     |               |
| Emissivity                    |                  | 0,64          | ASTM C 1371   |

### STORAGE CONDITIONS

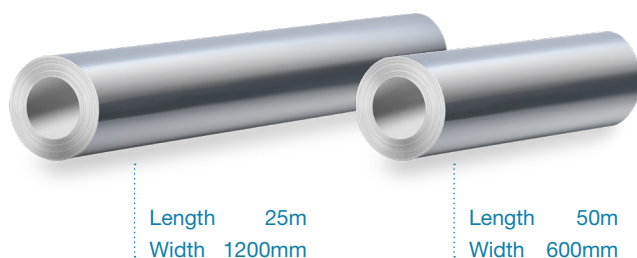
Temperature: 0°C to +40°C  
 Dry-, clean- and free of grease environment  
 Non-stacked and free of mechanical impact/tension

### CHARACTERISTICS

Design lifetime: 10 years+  
 UV-, saltwater- & highly chemical-resistant  
 Corrosion-protected



### ROLL DIMENSIONS



### MARINE EQUIPMENT DIRECTIVE (MED) 2014/90/EU

Regulation Item: MED/3.18a (Row 1 of 1) and MED/3.18d (Row 1 of 1)  
 USCG Approval Category: 164.112/EC2509  
 Specified Standards: SOLAS 74 Reg. II-2/3, Reg. II-2/5 and Reg. II-2/6  
 IMO Res. MSC.307(88)-(2010 FTP Code), as amended  
 IMO Res. MSC.36(63)-(1994 HSC Code) 7 and MSC.97(73)-(2000 HSC Code) 7  
 IMO MSC/Circ.1120  
 Directive Reference: Marine Equipment Directive (MED) 2014/90/EU, Regulation 2024/1975/EU

