



AvantGuard Tape 420 S-AD

Technical Datasheet 2025

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TECHNICAL DATASHEET

COMPOSITION

Multilayer laminate featuring UV-protection, aluminum and PET

VISIBLE SURFACE

Silver, glossy

BACKSIDE

Self-adhesive layer with peel-off liner

TECHNICAL DATA	unit	setpoint	test
Total weight (incl. adhesive)	g/m ²	104 [+/- 15%]	EN ISO 2286-2
Thickness (incl. adhesive)	µm	120 [+/- 15%]	DIN 53370
Tensile strength (MD)	N/15 mm	44	EN 13934-1
Tensile strength (CD)	N/15 mm	47	EN 13934-1
Elongation (MD)	%	17	EN 13934-1
Elongation (CD)	%	20	EN 13934-1
Tear strength (MD)	N	1.6	DIN 53363
Tear strength (CD)	N	1.3	DIN 53363
Puncture resistance Ø 0,8mm	N	9	EN 14477-2002
Puncture resistance Ø 3,0mm	N	25	EN 14477-2002
Working temperature	°C	-25 to 120	
Emissivity		0,62	ASTM C 1371

STORAGE CONDITIONS

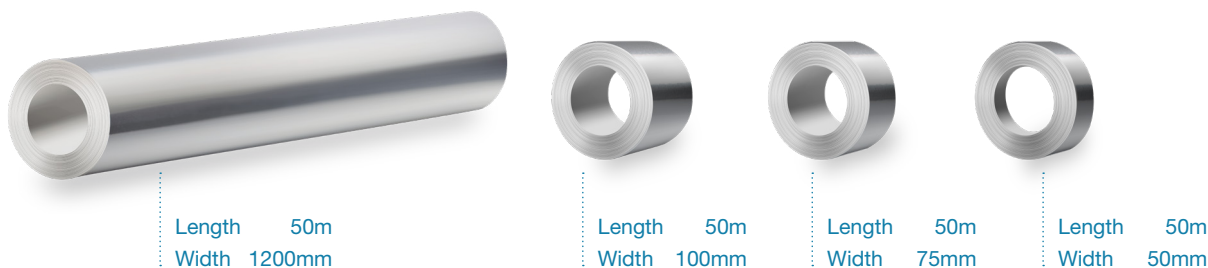
Temperature: 0°C to +40°C
Dry-, clean- and free of grease environment
Non-stacked and free of mechanical impact/tension

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

