

Coroplast ALU SE series

Pure aluminum adhesive tapes with synthetic rubber adhesive, flame retardant

Applications, advantages and properties

- › Flame-retardant pure aluminum adhesive tapes in accordance with DIN 4102, building material class B1
- › With approval mark P-BHH-2012-1010
- › For sealing intersections on aluminum-laminated insulating systems
- › For bonding ventilation pipes and air-conditioning ducts
- › Outstanding shear strength for the secure and durable sealing of insulation structures
- › Suitable for fabricating die-cut parts
- › Strong adhesive suitable for construction sites
- › Very strong adhesion and high initial tack
- › Functions as a water vapor barrier
- › Highly resistant to moisture
- › Outstanding ageing properties
- › High shear strength, even in varying temperatures

910 ALU SE

- › Flexible, strong aluminum carrier

930 ALU SE

- › Flexible adhesive tape; additional approval marks of the German BG Verkehr/Schiffssicherheit Steuerrad/Zul. Nr. 118.115 and Russian Register 14.00019.272



942 ALU SE

- › Thicker than standard-quality foil and therefore increased mechanical strength

944 ALU SE

- › Assembly adhesive tape ideal for apparatus engineering and manufacturing heat and insulating shields for automotive engineering



Coroplast 942 ALU SE

Technical data	910 ALU SE	930 ALU SE	942 ALU SE	944 ALU SE
Carrier	pure aluminum foil, soft, plain			
Adhesive	synthetic rubber	synthetic rubber	synthetic rubber	synthetic rubber
Covering	siliconized polyethylene film or release paper			
Carrier thickness	0.03 mm	0.025 mm	0.04 mm	0.05 mm
Thickness	0.06 mm	0.05 mm	0.08 mm	0.09 mm
Preference widths*	50, 70, 75 and 100 mm	50, 70, 75 and 100 mm	50, 75 and 100 mm	50, 75 and 100 mm
Lengths	100 m	100 m	50 m	50 m
Tensile strength	25 N/cm	20 N/cm	30 N/cm	35 N/cm
Elongation at break	5%	5%	5%	5%
Adhesion on steel	9.0 N/cm	9.0 N/cm	9.0 N/cm	9.0 N/cm
Temperature range	-40 to +80°C	-40 to +80°C	-40 to +80°C	-40 to +80°C
Water vapor permeability	< 1 g/m ² x 24 h			
Building material class in acc. with DIN 4102 (test certificate)	B1	B1	B1	B1
BG Verkehr/Schiffssicherheit		steering wheel/no. 118.115		

* Also available in log rolls of up to 1 m (250, 300, 500 or 1,000 mm)