

Technical information

Sedur HF seal with polyethylene core

Technical data aluminum foil	Data
material	aluminum foil
latitude	12 my Alu/12 my PETP
tensile strength lengthwise	5'150 gr
tensile transverse	4'970 gr
temperature range	-40° until +120° C
Polyethylene (core)	Data
color	anthracite
volume weight	ca. 35 kg/m ³
temperature resistance	-60°C bis 80°C
compressive stress	at 10% deformation ca. 2,0 N/cm ² at 25% deformation ca. 4,0 N/cm ² at 40% deformation ca. 8,0 N/cm ²
UV-resistance	largely consistent
reaction to fire	flammable according to DIN 4102 class (B3)
water absorption	ca. 5 Vol.-%
chemical resistance	chlorinated solvents conditionally resistant saltwater resistant gasoline resistant heating oil resistant caustic soda resistant hydrochloric acid 10% resistant sulfuric acid 30% resistant
Adhesive	Data
adhesive / cover	acrylic, modified (waterproof) / polyethylene paper, white
thicken	0.12 mm
temperature resistance	-60°C until +120°C
shear strength on steel	(N/625 mm ²) +23° +/- 2°C 40 DIN EN 1943
peel adhesion to steel	(N/25 mm ²) +23° +/- 2°C 35 DIN EN 1939

The technical information reflects our current knowledge and experience. Special conditions in special

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individual cases in the application must be taken into account depending on the situation. All values are mean unless otherwise stated.

We are at your disposal for further questions about our products.