

Technical information

Sedur HF with neoprene 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
Neoprene (core)	Data
color	black
volume weight	ca. 160 kg/m ³
temperature resistance	-40°C until 100°C
compressive stress	at 10% deformation ca. 3,0 N/cm ² at 25% deformation ca. 5,5 N/cm ² at 40% deformation ca. 9,0 N/cm ²
UV-resistance	good
reaction to fire	UL94-HF1 from 2-8 mm / UL94-VO from 8-40 mm
file-number	E532643
water absorption	ca. 5 Vol. -%
chemical resistance	chlorinated solvents destroyed saltwater resistant gasoline resistant heating oil resistant caustic soda resistant hydrochloric acid 10% destroyed sulfuric acid 30% destroyed
Adhesive	Data
adhesive / cover	Acrylic, modified (waterproof) / polyethylene paper, white
thickness	0.12 mm
temperature range	-60°C until +120°C
shear strength on steel	(N/625 mm ²) +23°+/-2°C 40 DIN EN 1943
peel strength on steel	(N/25 mm ²) +23°+/-2°C 35 DIN EN 1939

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