

Aluminium barrier foil A20 T

Technical Datsheet

Fabric

PET / ALU / PE – 12 / 12 / 75 µm
Solvent-free, with two-component adhesive

Property	Unit	Method DIN	Measurement conditions	Result
Total thickness	µm	DIN 53370		102 ± 10%
Total weight	g / m ²	DIN ISO 536		121,2 ± 10%
Tensile strength	N / 15 mm	DIN EN ISO 527-1 bis -3	longitudinal	> 50
			transverse	> 50
Ultimate elongation	%	DIN EN ISO 527-1 bis -3	longitudinal	> 50
			transverse	> 50
Seal strength ¹	N / 15 mm		150°C / 1,0 sec / 5 bar	≥ 35
Coefficient of sliding friction		DIN 53375	PET / metal	0,25
			PET / PET	0,25
Water vapour permeability	g / m ² x d	DIN 53122	23°C / 85% RH	≤ 0,01
Carbon permeability	cm ³ / m ² x d x bar	DIN 53380	23°C / 0% RH	< 0,5
Oxygen permeability	cm ³ / m ² x d x bar	DIN 53380	23°C / 0% rF	< 0,5

Physiological harmlessness conform to BfR, FDA and EC Directives

¹ Flat sealing bars (5 x 200 mm), double-side sealing
Sealing temperature 150°C / sealing pressure 5 bar / sealing time 1,0 sec
Sealing device: KOPP SGPE 20 with cold- and hot-track

The data contained herein represent the current state of the art, are not binding and need to be adapted to local conditions. They do not constitute any liability on our part.