

Technical data sheet



JX180ALU-B-C-PTFE MEMBRANE (Corrugated)

SPECIFICATIONS

Description

Filter material	100% Polyester
Construction	BICO spunbonded + Thermally bonded PTFE membrane
Treatment	ALU coating

Physical Properties	Unit Metric	Values	Tolerance
Air permeability	m ³ /m ² /h @ 200 Pa	350	±30%
Basis weight	g/m ²	180	±12
Thickness	mm	0,47	±0,04
Elongation MD	%	30	±15
Elongation CD	%	30	±15
Tensile Strength MD	N/5 cm	700	±20%
Tensile Strength CD	N/5 cm	550	±20%
Tear Strength MD	N	60	±40%
Tear Strength CD	N	40	±40%
Thermal Shrinkage MD	%	2,5	±1,5
Thermal Shrinkage CD	%	1,0	±0,5
Temperature Resistance	°C	120	
Filter Test	BIA / EN1822:2009	M / E11	

Resistance

Oleo/Hydrophobic	Very Good
Acid Resistance	Excellent
Alkaline Resistance	Excellent
Dust Release	Excellent
Conductivity	Excellent

Any disclosed physical or chemical properties of JP Air Tech products and their measured values are supplied as a courtesy technical service. These properties/values are not contractually binding; rather, they represent average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations.