

Technical data sheet



JX179-B-C-PTFE MEMBRANE (Corrugated)

SPECIFICATIONS

Description

| | |
|-----------------|--|
| Filter material | 100% Polyester |
| Construction | BICO spunbonded + Thermally bonded PTFE membrane |

| Physical Properties | Unit Metric | Values | Tolerance |
|------------------------|--|---------|-----------|
| Air permeability | m ³ /m ² /h @ 200 Pa | 500 | ±30% |
| Basis weight | g/m ² | 170 | ±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 / E10 | |

Resistance

| | |
|---------------------|-----------|
| Oleo/Hydrophobic | Very Good |
| Acid Resistance | Excellent |
| Alkaline Resistance | Excellent |
| Dust Release | 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.