

J-FLEX MATERIAL DATA SHEET

fluor-a-com[®]

only from J-Flex

COMMERCIAL FLUOROELASTOMER / NOMEX INSERTION

Smooth Surface Finish Both Sides

Rolls: 1200mm wide x 10 metres long

Property	Typical Values	Test Method
Type	A Type Fluoroelastomer Min. 66% Fluorine Content	
Specific Gravity	1.84 g/cm ³	ASTM D 297
Hardness	75° (+/-5°) Shore 'A'	ASTM D 2240
Tensile Strength	≥ 7MPa	ASTM D 412
Elongation @ Break	≥ 175%	ASTM D 412
Tear Resistance	22 N/mm	ASTM D 624
Compression Set 22hrs @ 175°C	30%	ASTM D 395 Method B
Working Temperature	-15°C to 204°C Continuous	
Nomex Meta – Aramid Fabric		
Weight	154 g/m ² (+/-5%)	
Weave	32 x 32 per inch (25.4mm)	
Thickness	0.44mm (+/-0.03)	
Tensile Strength - Warp - Weft	1000 N /50mm (+/-10%) 950 N /50mm (+/-10%)	
Adhesion – Rubber to Fabric	3.7 Kgf / 25mm	

Finished Thickness: 1.5mm (+/- 0.25); 2.0mm (+/-0.35); 3.0mm (+/-0.35)

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