

PVC Foam

Product Code: RC02134

Key Features

- Soft, flexible and highly conformable
- Excellent sealing under compression
- Helps prevent air, dust and water ingress
- Good noise and vibration dampening
- Meets FMVSS 302 safety standard
- Slow and fast recovery grades

Attributes



Lightweight



Flexible



Weather-Resistant

Available in:



Full Rolls



Cut Strips



Bespoke Gaskets

Technical Data - RC02134-100

Property	Value
Product	Slow recovery PVC foam
Density	100 - 125 kg/m ³
Shore Hardness OO	20° - 40°
Elongation at Break	> 120 %
Compression Set	< 45 %
Compression Deflection	4 - 16 kPa
Temperature Range (Constant)	-30° C to +60° C
Temperature Range (Intermittent)	+70° C
Tear Strength	> 0.8 N/mm
Waterseal Compression	> 30 %
Flame Resistance (> 6mm)	FMVSS 302 - Pass
Environmental Protection	CFC & HCFC Free

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Technical Data - RC02134-110

Property	Value
Product	Fast recovery PVC foam
Density	100 - 125 kg/m ³
Shore Hardness OO	7° - 30°
Elongation at Break	> 120 %
Compression Set	< 20 %
Compression Deflection	4 - 16 kPa
Temperature Range (Constant)	-30° C to +60° C
Temperature Range (Intermittent)	+70° C
Tear Strength	> 0.7 N/mm
Waterseal Compression	> 90 %
Flame Resistance (> 6mm)	FMVSS 302 - Pass
Environmental Protection	CFC & HCFC Free

Technical Data - RC02134-210

Property	Test Method	Value
Product	-	Fast recovery PVC foam
Density	-	180 - 220 kg/m ³
Shore Hardness OO	-	25° - 42°
Tensile Strength	DIN 53571	> 279 kPa
Elongation at Break	DIN 53571	> 125 %
Compression Set (72 h @ 23° C, 50 %)	DIN 53572	< 30 %
Compression Deflection (10 %)	ASTM 1667	20 - 30 kPa
Compression Deflection (25 %)	ASTM 1667	80 - 120 kPa
Water Absorption	-	< 11 %
Waterseal Compression (U-Test)	-	> 20 %
Temperature Range	-	-30° C to +80° C
Flammability	FMVSS 302	100mm / 4mm min

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Approvals



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