SEALS+DIRECT

DESCRIPTION
METAL DETECTABLE EXTRUSION SILICONE RUBBER 75 SHORE A

DOCUMENT NO.
CMDS0029

bsi ISO 9001 Quality Management Systems CERTIFIED
Certificate Number: FS 807117

COMPOUND MATERIAL DATA SHEET

GENERAL OVERVIEW:

This material is specially designed as a metal detectable grade of silicone rubber, with an excellent all-round blend of physical properties.

FEATURES:

• Colour: Blue
• Good mechanical properties
• Excellent resistance to UV ageing

PROPERTIES:

PARAMETER	TEST METHOD	TYPICAL VALUE
Temperature Range		-55°C to +200°C
Specific Gravity	ISO 1183-1 A	1.35g/mm³
Hardness Shore A	DIN 53505	75°
Tensile Strength	DIN 533504 S 1	8.9N/mm²
Elongation at Break	DIN 533504 S 1	360%
Tear Strength	ASTM D 624 B	23N/mm

NOTES:

All raw materials are approved for food contact use in FDA regulation FDA 21 CFR 177.2600 "Rubber articles intended for repeated use". The manufacturer of the finished component is responsible for complying with the regulations. The finished components should be post-cured for 4 hours at 200°C.

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ORIGINATOR
CJM
CREATED DATE
30/01/25

S+D/MDS003/Compound Material Data Sheet/Ver 1.0