

Metal Detectable Silicone Cords Datasheet

Product Code: CRD0203-MD

Product Description

Our metal detectable silicone cords provide additional safety to delicate applications such as the pharmaceutical and food and beverage industries. This product is available with outer diameter sizes ranging from 1mm to 12mm. We can supply this particular product in 10m lengths.



Weather-Resistant



Durable



FDA Approved

Available In -



Cut to Strip

Technical Specification

Property	Test Method	Value	Unit
Hardness	ASTM D2240, DIN ISO 7619-1	60	Shore A
Tensile Strength	ISO 37 Type 1, ASTM D412 die C, DIN 53504 type S1	8.0	MPa
Elongation at Break Point	ISO 37 type 1, ASTM D412 die C, DIN53504 type S1	370	%
Tear Strength	ASTM D624 die B	21	N/mm
Compression Set 24hrs @ 150°F	BS 903 pt A6 type B, DIN/ISO 815 type B	11	%
Compression Set 24hrs @ 300°F	ASTM D395 method B type 2	11	%
Magnetic Pull	SEWI 700	7.3	mm
Brittle Point	ASTM D746	-80	°C
Limiting Oxygen Index	BS 2782 part 1	24.0	%
Thermal Conductivity	VDE 0304	0.24	W.m ⁻¹ .K ⁻¹
Radiation Resistance	-	>10 ⁵ Grays (107 rads) typical	
Dielectric Strength	VDE 0303	23	kV.mm ⁻¹
Dielectric Constant	VDE 0303	2.9	
Dissipation Factor	VDE 0303	3x10 ⁻⁴	
Volume Resistivity	VDE 0303	3x10 ¹⁵	Ω.cm



ISO
9001 : 2015
REGISTERED

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