

## Metal Detectable Silicone Cords

Item Code: CRD0203-MD

Property	Test Procedure	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 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 24 hours at 150°F:	BS 903 pt A6 type B DIN/ISO 815 type B	11	%
Compression set 24 hours at 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 <sup>-1</sup> .K <sup>-1</sup>
Radiation resistance:	-	>10 <sup>5</sup> Grays (10 <sup>7</sup> rads) typical	
Dielectric strength:	VDE 0303	23	kV.mm <sup>-1</sup>
Dielectric constant:	VDE 0303	2.9	
Dissipation factor:	VDE 0303	3x10 <sup>-4</sup>	
Volume resistivity:	VDE 0303	3x10 <sup>15</sup>	Ω.cm

E: [sales@therubbercompany.com](mailto:sales@therubbercompany.com) W: [www.therubbercompany.com](http://www.therubbercompany.com)