

809 – Metal Detectable Utility Pouch

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Code	Description	Colour
809-1240-PO*	Utility Pouch 120 x 180 x 15mm	Blue, Black, Red, Green, Grey

Detectamet Metal Detectable Utility Pouch is made from a metal detectable silicone material. The material is 60° Shore A and available in Blue, Black, Red, Green and Grey.

Temperature Range

Minimum (-60°C; -76°F)

Maximum (230°C; 446°F)

Intermittent (250°C; 482°F)

General Information

Our Metal Detectable Utility Pouch has been tested to and is in compliance with the American Food and Drugs Administration (FDA) 21 CFR 177-2600 & Directive EU 1935/2004.

These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability tests and Automotive Standard PART 571MVSS302.

Environmental Resistance

Silicone rubber products have an excellent resistance to:

- Ozone
- Oxidation
- Ultraviolet light
- Corona discharge
- Cosmic radiation
- Ionising radiation
- Weathering in general

Accreditations

- FDA
- FAR 25/JAR 25/CS 25 Appendix F, Part 1 (a)(1)(iv) and (a)(1)(v) horizontal flammability test
- Automotive Standard PART 571MVSS302
- EU 1935/2004 compliant
- REACH compliant and RoHS compliant

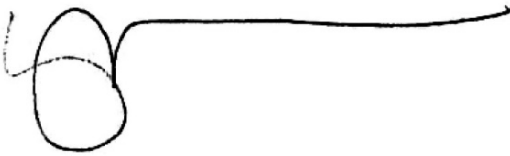
Mechanical Properties

		Standard	Extra Power	Extra Strength	
Property	Units	Typical Value	Typical Value	Typical Value	Test Method
Hardness Shore A5	Shore A ± 5	63	63	61	ASTM D2240 DIN ISO 7619-1
Tensile Strength	Mpa (PSI)	8.0 (1160)	8.5 (1235)	7.5 (1090)	SO 37 type 1 ASTM D412 die C DIN 53504 type S1
Elongation to Failure	%	370	290	290	ISO 37 type 1 ASTM D412 die C DIN 53504 type S1
Tear Strength	N/mm (lb./in.)	21 (120)	22 (125)	21 (120)	ASTM D624 die B
Compression set 24 hrs @ 150°C	%	11	14	13	BS 903 pt A6 type B DIN/ISO 815 type B
Compression set 22 hrs @ 300°C	%	11	14	13	ASTM D395 method B type 2
Magnetic Pull	mm	7.3	8.3	11.3	SEWI 700

General Characteristics

Test	Result	Standard
Brittle Point	-80°C (-112 °F)	ASTM D746
Limiting Oxygen Index	24.0 %	BS 2782 Part 1
Thermal Conductivity	0.24 W.m ⁻¹ .K. ¹	VDE 0304
Radiation Resistance	10 ⁵ Grays (10 ⁷ Rads) typical	
Dielectric Strength	23 kV.mm ⁻¹	VDE 0303
Dielectric Constant	2.9	VDE 0303
Dissipation Factor	3x10 ⁻⁴	VDE 0303
Volume Resistivity	3x10 ¹⁵ Ω.cm	VDE 0303

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