

## TECHNICAL DATA SHEET

### HTC MAG4

#### Quad Maglite Core Ignition Lead

#### Temperature Range: -60 to 200°C

#### CONSTRUCTION

10 mm (nominal) OD, Four Maglite cores, to specification below. Inner insulation layer white, outer insulation layer to customer specified colour. Insulation materials to specification below.

#### CONDUCTOR DETAILS

Resistance	563 $\Omega$ /foot
Gauge of Steel wire	40 gauge, 304 Stainless
Number of windings	63 per inch
Core material	1 strand Kevlar®, balance fibreglass
Nominal OD	1.5 mm

#### INSULATION DETAILS

Property	Units	HTC		Test Method
		Specification Limits	Typical Value	
Hardness	Shore A	75 $\pm$ 5	75	ASTM D2240
Tensile Strength	MPa	2.7 min	2.98	BSEN 60811
Elongation to Failure	%	120 min	170	BSEN 60811
Dielectric Strength	kV.mm <sup>-1</sup>	-	23	VDE 0303
Volume Resistivity	$\Omega$ .cm	-	3x10 <sup>15</sup>	VDE 0303

Other grades of silicone rubber available from Silicone Engineering are:

- \* General Purpose Grades \* Cellular silicone Products \* High Temperature Grades \* High Tear Grades \*
- \* Flame Retardant Grades \* Low Combustion Hazard Grades \*

This wide range of grades and production capability in silicone rubber is only available from



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