

**Compound Type VMQ 80A Compliant to MIL-83528C Type H**

Silicone rubber compound filled with highly conductive silver powder is designed to offer effective shielding to radio frequency electromagnetic radiation. The compound is suitable for extremes of temperature and functionalized hydraulic fluids but not hydrocarbon fuels or non-polar solvents.

<b>Service Temperature Range</b>	-55 to +160°C
<b>Hardness</b>	73 to 87 Shore A
<b>Specific Gravity</b>	3.48 to 4.52 g/cm <sup>3</sup>
<b>Tensile Strength</b>	400 psi min
<b>Elongation at Break</b>	90 % min / 290% max
<b>Compression Set - 70 hours at 100°C</b>	60 % max
<b>Tear Strength</b>	60 ppi min
<b>Volume Resistivity</b>	5x10 <sup>-3</sup> ohm-cm max

The data above is provided for general guidance only, please contact us for further information:

T. +44 (0)1978 810 551

[enquiries@clwydcompounders.com](mailto:enquiries@clwydcompounders.com)