

ITECO TRADING 7804.172/174

CONDUCTIVE FOAM

GRADE

SPEC REF

ISSUE

FIRST ISSUED

VCF 75

Con 3

02

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<u>ITEM</u>	<u>PROPERTY</u>	<u>REQUIREMENT</u>	<u>TEST METHOD</u>
1	Foam Type	Polyether polyurethane foam impregnated with rigid conductive latex	N/A
2	Density kgm ⁻³	35-55	BS 4443 Pt 1 Method 2
3	Tensile Strength kPa	70 Minimum	BS 4443 Pt 1 Method 3A
4	Elongation @ Break %	N/A	BS 4443 Pt 1 Method 3A
5	Loss in Tensile Strength After Heat Ageing (%)	30% Max Loss	BS 4443 Pt 1 Method 3A 140°C for 16 hours
6	Loss In Tensile Strength After Humidity Ageing (%)	30% Max Loss	BS 4443 Pt 1 Method 3A 105°C for 3 hours
7	Compression Set (50% Compression)	N/A	BS 4443 Pt 1 Method 3A
8	Volume Resistivity (ohms/m)	250 Maximum	BS 2044 Method 3 (100 Volts)
9	Surface Resistance (K ohms)	<10	Megger BM201 (100 Volts)

Frequency Of Testing: Items 2 – 9 EVERY BATCH