



GETELEC

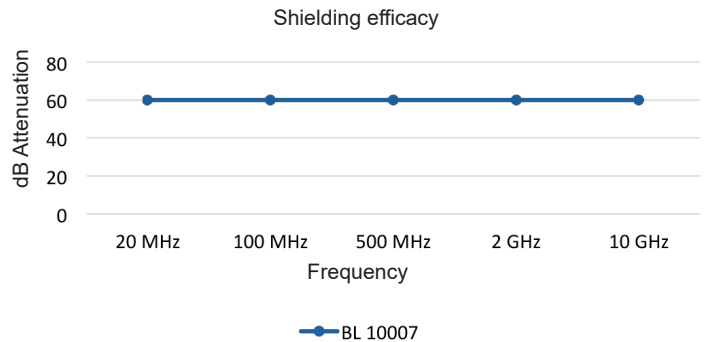
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# CARBON FILLED CONDUCTIVE FLUOROSILICONE - BL 10007

BL10007 is a carbon-charged conductive fluorinated silicone elastomer which enables the creation of sealed, conductive gaskets, which can come into contact with solvents, oils, hydrocarbons or hydraulic fluids.

- Good mechanical properties
- Very good salt spray performance
- Bonne résistance à l'abrasion
- UL157 compliant
- Low density

Properties	Standards- Test	BL10007
Elastomer binder		Fluorosilicone
Conductive filler		Carbon
Volume resistivity $\Omega$ .cm	MIL G 83528	2.7
Hardness shore A	ASTM D 2240	73
Density	ASTM D 792 Method A	1.23
Break resistance Mpa	ASTM D 412 Method A C	6.3
% Elongation at break	ASTM D 412 Method A C	177.6
Tear Strength N/mm	ASTM D 624 C	21.7
% Residual deformation after 70 hours compression at 100°C	ASTM D 395 Method B	18
Working temperature		-55 to +125 °C
Color		Black



## AVAILABLE FORMATS

- Molded
- Cut
- Extruded
- Vulcanization bonding
- Sheet
- Adhesive

