

## Vidaflex S520 Silicone Coated Glass Braid

Vidaflex fibreglass braided sleeving is impregnated with a silicone resin/rubber and cured at high temperatures. The silicon resin/rubber coating and thermal treatment make this sleeving very soft with high elasticity. These features are coupled with an excellent high temperature range and a very good dielectric strength.

### Specifications:

- 1.0kV grade.
- Maximum Short term temperature — 250°C.
- Electric Strength @ 20°C—1kV/min.
- Self Extinguishing.
- Wont crack under high temperature.



Vidaflex S520 is widely used in wiring insulation and mechanical protection for electric motors, transformers and electrical equipment.

### Vidaflex S500 Applications:

The vidaflex S500 series find extensive use in high temperature rated domestic appliances, heating appliances and central heating boilers. Their use is for primary and secondary insulation and for the protection of cables and components in high heat zones. The Vidaflex S500 series are employed in Class H rated rotating machines for winding lead out and joint insulation. The mechanical toughness ensures their suitability for the insulation of winding leadouts, enabling the enamelled winding wire to be led directly to the terminal box. The Vidaflex S500 series are used extensively in the construction of wiring harnesses for use in motor vehicles.

Properties	Test	Result
Heat Resistance	Bending after heating at 180°C for 48 hours	No cracking or detachment of coating is visible and all of the original colours are clearly recognizable
Cold Resistance	Bending after low temperature at -10°C	No cracking or detachment of the coating is visible
Self Extinguishing	Should cease to with seconds of removal of flame	Pass

