



## Datasheet

### RS PRO Expandable Silicone Rubber Glass Sleeve

Stock number:

6681223

6681226

6681220

6681239

6681232

6681236



EN

Made of silicone rubber coated fibreglass braid with a unique construction that allows the sleeve to expand up to 1.6 times its original size. This allows it to expand over awkward shapes and 'conform' itself to the profile of the part it is covering. This sleeving is often used as an alternative to heat shrink as it requires no heat or mechanical tools for installation; it simply slips over whatever shape you need to cover for a perfect performance fit.

Please note: Care should be taken to minimise dust formation during handling and cutting this glass based material as dust or broken particles may cause skin irritation.

Note: Standard colour: Black

#### FEATURES AND BENEFITS

- Good dielectric strength
- Halogen free
- Self-extinguishing (UL 1441 Self-extinguishing VW 1)
- Excellent resistance to oils, solvents, varnishes and aggressive chemical agents in general
- Highly flexible Expandable

#### APPLICATIONS

- Component protection
- Harnessing
- Terminal protection
- Alternative to heat shrink in heat/flame sensitive applications

**MATERIAL DATA**

<b>Product Code</b>	<b>270</b>
<b>Material</b>	<b>Silicone Rubber Coated Fibre Glass Braid</b>
<b>Standard Colour</b>	<b>Black</b>
<b>Expansion Ratio</b>	<b>1:1.6</b>
<b>Operating Temperature – °C</b>	<b>-40 – +235 (Peaks at +300°C)</b>
<b>Dielectric Strength – kV</b>	<b>4kV Normal 2.5kV Expanded</b>
<b>Relevant Specifications</b>	<b>UL1441, IEC 60684 Part 2</b>

<b>RS PRO</b>	<b>Nominal bore (mm)</b>	<b>Bore tolerance (mm)</b>	<b>Minimum Wall thickness (mm)</b>
<b>6681223</b>	<b>2</b>	<b>+ 0.20</b>	<b>0.65</b>
<b>6681226</b>	<b>4</b>	<b>+ 0.30</b>	<b>0.75</b>
<b>6681220</b>	<b>6</b>	<b>+ 0.30</b>	<b>0.85</b>
<b>6681239</b>	<b>8</b>	<b>+ 0.30</b>	<b>1.00</b>
<b>6681232</b>	<b>12</b>	<b>+ 0.50</b>	<b>1.00</b>
<b>6681236</b>	<b>16</b>	<b>+ 1.00</b>	<b>1.20</b>

