

E Glass Insulation Fabric **DEF1080N** & **DEF1080N/1500** Description and Advantages

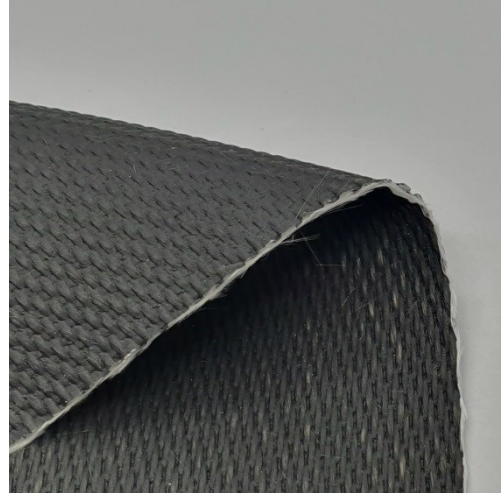
Description:

Darco **DEF1080N** & **DEF1080N/1500** is an E glass fabric woven from high quality filament yarn, and then coated with a specially formulated black acrylic elastomer on two sides. This fabric provides good properties of flexibility, durability, water and oil proof, abrasion resistance, and suitable for most chemical splash resistance. Coating is for encapsulating E glass fibres and forms a protective char when burned for enhanced burn through resistance

Refer to our chemical compatibility guide.

Application:

It's the ideal and excellent fabrics used for removable insulation covers, welding blankets, fire protecting curtains, expansion joints, Non-metallic compensator, and anti-corrosion sector.



Technical data:

| | | | | |
|---|-----------------------|------|---------------------------------|-----------------------|
| 1 | Weave | | 8HS Satin | Testing Method |
| 2 | Yarn | Warp | EC9 33 4x2 | Yarn |
| | filament | Weft | EC9 33 4x2 | filament |
| 3 | Width | | 100cm or 150 cm | DIN EN 1773 |
| | Cloth Weight | | 880 g/m ² | DIN EN 12127 |
| 4 | Coat Style | | Black Acrylic (200g) both sides | - |
| 5 | Total Thickness | | 0.9mm | DIN EN ISO 5084 |
| 6 | Total Weight | | 1080g/m ² | DIN EN 12127 |
| 7 | Thread Count | Warp | 18 per cm | Thread Count |
| | | Weft | 13 per cm | |
| 8 | Tensile Strength(Min) | Warp | 8000 N/5cm | Tensile Strength(Min) |
| | | Weft | 6000 N/5cm | |
| 9 | Temperature Rating | | Const. 550°C - Melt. 800°C | - |