

## E Glass Insulation Fabric **DEF1000N** Description and Advantages

### Description:

Darco **DEF1000N** 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. 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:

Weight:	1000gsm
Thickness:	10.9mm
Coating thickness	0.15mm on each side.
Width – self edged	1000mm
Roll Length	50m
Service Temperature:	550°C, 300°C for coating.
Melting point:	800°C
Thermal Conductivity	0.047W/MK
Weave	Plain
Thread Count Warp/Weft	10/4.6 ends/cm
Physiologically Harmless refer MSDS	Yes
Combustibility	Non combustible
Filament Diameter	9 micron
Tensile strength (Warp)	1600N/5cm
Tensile strength (Weft)	1200N/5cm
Water Absorption	N/A
Yarn	E glass continuous filament texturised fibre
Coating/Finishes	Black fire retardant black acrylic elastomer.