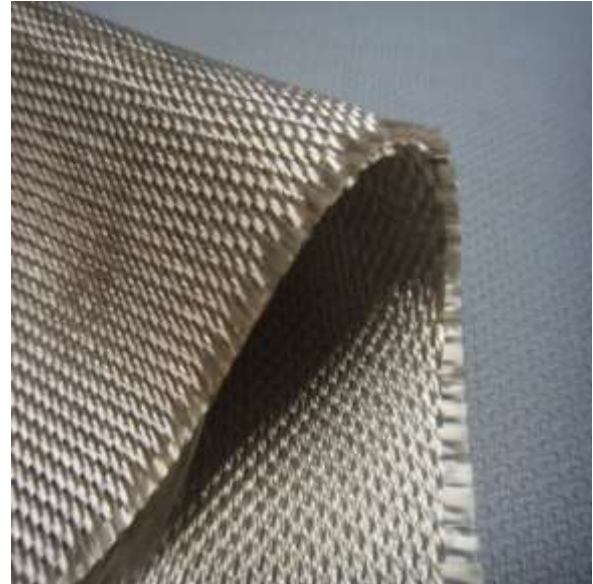


## TECHNICAL DATA SHEET

### E Glass Insulation Fabric **DEF850HT** Description and Advantages

Darco **DEF850HT** is an E glass fabric woven from high quality filament yarn, and then passed through a high temperature oven in order to burn off the sizing and other organic elements in the cloth. After this heat treatment, fiberglass cloth will change to a brown colour and it will be smoke-free during the application.



**Application:**

No difference from fiberglass loomstate, but especially for applications where smoke is not allowed.

|   |                       |      |                           |                 |
|---|-----------------------|------|---------------------------|-----------------|
| 1 | WEAVE                 |      | Style 3784 8HS Satin      | Testing Method  |
| 2 | YARN                  | WARP | EC9 136 4x2               | ISO 4602        |
|   | filament              | WEFT | EC9 136 4x2               | ISO 4602        |
| 3 | WIDTH                 |      | 100 cm                    | DIN EN 1773     |
|   |                       |      | 150 cm                    | DIN EN 1773     |
| 4 | CLOTH WEIGHT          |      | 850 g/m <sup>2</sup>      | DIN EN 12127    |
| 5 | TREATMENT             |      | Caramelised(heat treated) | -               |
| 6 | THICKNESS             |      | 0.8mm                     | DIN EN ISO 5084 |
| 7 | THREAD COUNT          | WARP | 18 per cm                 | DIN EN 1049-2   |
|   |                       | WEFT | 13 per cm                 | DIN EN 1049-2   |
| 8 | TENSILE STRENGTH(min) | WARP | 8000 N/5cm                | EN ISO 13934-1  |
|   |                       | WEFT | 6000 N/5cm                | EN ISO 13934-1  |
| 9 | SERVICE TEMPERATURE   |      | Up to 500°C               | -               |