



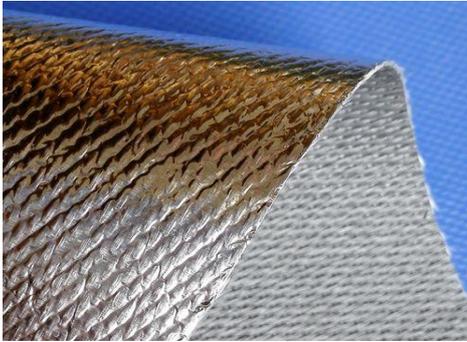
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Technical Data Sheet

ALF-C666-PU40



Description:

It is fiberglass cloth woven by high quality C-glass filament yarn, and then coated polyurethane with aluminum pigments on one side, laminated with aluminum foil on the other side. Compared with basic fiberglass cloth, it has very good properties like good resistance for abrasion, anti-fray, water-proof, allergen resistant, heat and light reflection.

Application:

It's the ideal and excellent fabric used for welding blanket, fire protecting curtain, fire protecting work wear, pipe and furnace insulation.

Technical data:

| | | | | | | |
|---|---------------------|------|---|-------------------------------|----------------|-----------------|
| 1 | WEAVE | | 8 HS Satin | | Testing Method | |
| 2 | YARN (TEX) | WARP | EC9 100 1X2 | ECG 50 1/2 | ISO 4602 | |
| | | WEFT | EC9 200 1X0 | ECG 25 1/0 | ISO 4602 | |
| 3 | THREAD COUNT | WARP | 16 per cm | 41 per inch | ASTM-D-3775 | DIN EN 1049-2 |
| | | WEFT | 15 per cm | 38 per inch | ASTM-D-3775 | DIN EN 1049-2 |
| 4 | TENSILE STRENGTH | WARP | ≥3800 N/5cm | ≥421 lbs./inch | ASTM-D-5035 | EN ISO 13934-1 |
| | | WEFT | ≥3500 N/5cm | ≥388 lbs./inch | ASTM-D-5035 | EN ISO 13934-1 |
| 5 | WIDTH | | 100 cm | 40 inch | ASTM D 377 | DIN EN 1773 |
| | | | 150 cm | 60 inch | | |
| 6 | COATING STYLE | | Coated with PU on one side and laminated with aluminum foil on the other side | | | |
| 7 | CLOTH WEIGHT | | 710±30 g/m ² | 20.9±0.88 oz./yd ² | ASTM-D-3776 | DIN EN 12127 |
| 8 | THICKNESS | | 0.65±0.05mm | 0.026±0.002 inch | ASTM-D-1777 | DIN EN ISO 5084 |
| 9 | SERVICE TEMPERATURE | | Up to 500°C while PU is 180°C and adhesive is 230°C | | | |

Remarks

1. The data above are typical values only, and should not be used for specifications purpose.
2. The products should be stored at room temperature, kept away from wet and heat source.
3. The users should take test and do trial-application on the above products before coming into application so as to witness and ensure suitability for their special purpose and technique.

