

TECHNICAL DATA SHEET

Darco **DSF650V/914W** Vermiculite Coated High Silica Cloth

Description

Darco DSF650V/914W Vermiculite coated high silica cloth represents a modern product generation that meets all stringent requirements as to temperature consistency and environmental health standards. Used in a variety of industrial applications because of its outstanding characteristics, workability in cutting, sewing and resistance to corrosive attack. Moreover, with the outstanding continuous working temperature of 1000°C, 1100°C to 1400°C shorter term and the molten soften temperature up to 1700°C, silica cloth could be used in most high temperature working surroundings for thermal insulation and heat protection.



Specifications

| Item | | Specification |
|------------------------------|----------------|-----------------|
| Weave | | 8HS Stain |
| Thickness (mm) | | 0.75±0.07 |
| Width (mm) | | 914±10, 1000±15 |
| Length (m) | | 46m, 50m |
| Weight (g/m ²) | | 650±50 |
| Count | Wrap (pick/cm) | 18±1 |
| | Weft (pick/cm) | 14±1 |
| Tensile Strength | Wrap (N/50mm) | 800 |
| | Weft (N/50mm) | 600 |
| SiO ₂ Content (%) | | ≥96 |
| Thermal Shrinkage (%) | | <10 |
| Treatment | | Vermiculite |
| Working Temperature (°C) | | 1000 |
| Soften Temp. (°C) | | 1700 |

Application

It is used in applications including welding blankets, stress relieving, removable insulation covers, fire blankets, fire curtains, expansion joints and flue ducts.

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