

### Style - 500

## Ceramic Braided Cloth - Non Metallic

### COMPOSITION

**North Star Style-500** is manufactured from high quality ceramic fiber yarn with E-Glass fiber reinforcement. It is non-metallic variety ceramic braided cloth available in different thickness, width & density.

**North Star Style-500** is strong, light weight & highly flexible material manufactured from composition of Alumina, Silica & some special additives. The basic raw material used to manufacture ceramic fiber yarn cloth has extremely high temperature resistant property. North Star Style-500 is electrically & thermally resistant material.



**CERAMIC FIBER YARN BRAIDED CLOTH IS ECO FRIENDLY & SUBSTITUTES OF ASBESTOS CLOTH.**

### APPLICATION & SERVICE MEDIA

**North Star Style-500** can be used as heat insulation curtain, large area thermal insulation, radian heat shielding, flexible fabric expansion joint & high temperature resistant gasket.

### PRIME FEATURES

- Extremely high thermal & electrical insulating properties.
- Extremely high temperature resistant.
- Negligible volume loss during operation due to extremely low loss of ignition.
- Negligible volume loss leads to longer life.
- Resistant to oil, grease & organic acid except phosphoric & hydrofluoric acid & certain concentrated alkalis.
- Increase safety of plant personnel & improve productivity.
- **North Star Style-501 M** is electrically non-conductive material.

### OPERATIONAL PARAMETERS

Working Temp.	Melting Point	Density	Loss Of Ignition	
650 °C	1790 °C	500 gms / m <sup>3</sup>	3%	<4.0% @ 1200 °C for 24 hours

  

Thickness mm	Width mm	Length Meter	Weave	Weigh-Kg/Sq. Meter
2 mm	1000 mm	50 Meters	Plain	1.1 Kg
3 mm	1000 mm	50 Meters	Plain	1.4 Kg
5 mm	1000 mm	50 Meters	Multi Layer	2.5 Kg
6 mm	1000 mm	50 Meters	Multi layer	2.8 Kg

*All information & recommendations given in these brochure are correct to the best of our knowledge. However in the view of operating condition & variety of application one cannot draw any conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.*