

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 ³	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 final conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.

Ceramic • Graphite • Silicon • Natural Rubber