

### Style - 503

## Ceramic Braided Tape - Non Metallic Variety

### COMPOSITION

**North Star Style-503** is ceramic fiber Tape in non metallic variety manufacture from high quality ceramic fiber yarn. It is strong, light weight & highly flexible material available in different thickness, width & density.

**North Star Style-503** is mfg. from Ceramic yarn which is actually inorganic refractory oxides in fibrous form having composition of Alumina, Silica & some special additives. The basic raw material to mfg. ceramic is extremely high temperature resistance & also highly thermal & electrical insulating. **North star style-503** is non metallic variety with E Glass fiber reinforcement.



CERAMIC FIBER YARN TAPE IS ECO FRIENDLY & SUBSTITUES OF ASBESTOS TAPE.

### APPLICATION & SERVICE MEDIA

**North Star Style-503** can be use as cable & fuel line protection, insulation lining, wrapping of exhausts, sealing over bolt & high temperature gasket

### PRIME FEATURES

- Extremely high thermal & electrical insulating properties.
- Extremely high temperature resistance.
- Negligible volume loss during operation due to extremely low loss of ignition.
- Negligible volume loss leads to longer life.
- Increase safety of plant personnel & improve productivity.
- Resistance to oil, grease & organic acid except phosphoric & hydrofluoric acid & certain concentrated alkalis.
- **North star style-503** is electrically non conductive material.

### OPERATIONAL PARAMETERS

Working Temp.	Melting Point	Density	Loss Of Ignition	Linear Shrinkage
650 °C	1790 °C	850 gms / m³	3%	<4.0% @ 1200 °C for 24 hours
Size (mm)				Length (Meter)
25 x 3 mm				30
38 x 3mm				30
50 x 3 mm				30
75 x 3 mm				30
Custom size available on request				

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.