

## Gland Packing • Gaskets • Expanded PTFE

### Style - 502

## Ceramic Braided Square Rope - Non Metallic

### COMPOSITION

**North Star Style-502** is ceramic fiber Square rope 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-502** 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-502 is non metallic variety with E Glass fiber reinforcement.



**CERAMIC FIBER YARN SQUARE ROPE IS ECO FRIENDLY & SUBSTITUES OF ASBESTOS SQUARE ROPE.**

### APPLICATION & SERVICE MEDIA

**North Star Style-502** can be use as static door seal for boiler, stoves, oven, furnaces etc. It can be use for cable or pipe wrapping & high temperature seal also.

### 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.
- Increase safety of plant personnel & improve productivity.
- Resistant to oil, grease & organic acid except phosphoric & hydrofluoric acid & certain concentrated alkalis.

### OPERATIONAL PARAMETERS

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

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.