

## Technical Data Sheet

### Ladder Tape (Glass/Ceramic)

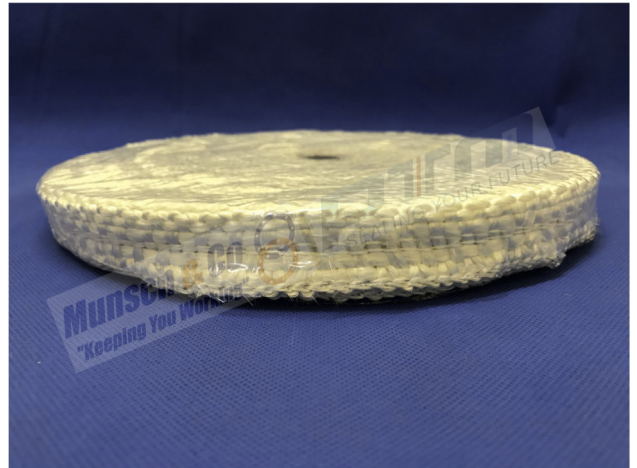
Our range of ladder tapes include E-Glass and Ceramic.

#### E-Glass

- Manufactured from uniformed textured filaments of high bulk 'E' type glass fibre yarns resistant to 550°C.
- Inorganic, sterile and incombustible.
- Resistant to oils, solvents and most chemicals.

#### Suitable Applications

- Warp yarns have been removed to enable the seals to fit over bolt holes / flanges on boiler, furnace and kiln car doors.



Available in 2mm, 3mm & 6mm thicknesses up to 300mm wide.

#### Ceramic Webbing Tape (Glass Reinforced)

- Refractory ceramic fibre webbings are manufactured from blown alumina-silicate fibre yarn which has been blended from high purity alumina and silica.
- A combination of physical and refractory properties makes this an outstanding material for use in high temperature applications.
- They form a direct, asbestos free, substitute for the equivalent asbestos textile products.
- The ceramic fibre insulation is rated to 1260°C in situ.
- The glass reinforcement is rated to 550°C.

#### Suitable Applications

- Excellent Insulation of gas and steam turbines.
- Excellent Welding curtains.
- Excellent insulation linings.
- Excellent radiant heat protection.
- Excellent boiler, furnace and kiln car door seals.
- Central warp yarns have been removed to create a ladder section to enable application over bolts suitable for boiler, furnace and kiln car door seals.

TEXTILES



Certificate Number: 14352  
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

[www.epdm.co.uk](http://www.epdm.co.uk)

E-Mail: [Sales@epdm.co.uk](mailto:Sales@epdm.co.uk)

#### Contact

Telephone: +44 (0)1625 573971

FAX: +44(0)1625 573250

PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom

## Ceramic Webbing Tape (Wire Reinforced)

- Refractory ceramic fibre webbings are manufactured from blown alumina-silicate fibre yarn which has been blended from high purity alumina and silica.
- A combination of physical and refractory properties makes this an outstanding material for use in high temperature applications.
- They form a direct, asbestos free, substitute for the equivalent asbestos textile products.
- The ceramic fibre insulation is rated to 1260°C in situ.
- The wire reinforcement is rated to 1000°C.

## Suitable Applications

- Excellent Insulation of gas and steam turbines.
- Excellent Welding curtains.
- Excellent insulation linings.
- Excellent radiant heat protection.
- Excellent boiler, furnace and kiln car door seals.
- Central warp yarns have been removed to create a ladder section to enable application over bolts suitable for boiler, furnace and kiln car door seals.

N.B. Tape is normally supplied loomstate. In the manufacture of ceramic yarn a certain small percentage of organic binder is used to aid spinning. This can sometimes cause "flashing" at high temperatures. This can be avoided if the product is heat cleaned prior to use or if the organic impurities in the product can be allowed to burn off in situ on application for the initial period.

Available in 2mm, 3mm & 6mm thicknesses up to 300mm wide.

*Please contact us for information on our extended range of ladder tapes which can cope with temperatures up to 1200°C.*

In light of health and safety concerns for refractory ceramic fibre we strongly urge our customers to consider our S-Tex Silica, Silex Silica, HT Modified Glass or Bio Soluble alternatives. Please call us for data sheets on these.



Certificate Number: 14352  
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

[www.epdm.co.uk](http://www.epdm.co.uk)

E-Mail: [Sales@epdm.co.uk](mailto:Sales@epdm.co.uk)

### Contact

Telephone: +44 (0)1625 573971

FAX: +44(0)1625 573250

PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom