

Technical Data Sheet

Rope/Yarn and Packings (Glass/Ceramic)

Our range of rope yarn and packings is comprehensive across various styles.

E-Glass

- Packing (Round, Square, Rectangular), Rope (Knitted, Plied, Twisted)
- Resistant to 550° C.
- Excellent thermal insulation.
- Resistant to oils, solvents and most chemicals.
- Very resilient with good space filling properties.

HT 750 Glass

- Packing (Round, Square, S/S Overbraid), Rope (Twisted)
- Resistant to 750° C.
- The base fibres are inorganic, sterile and flame proof and they have low thermal conductivity, are resistant to oils and do not rust.
- Excellent flexibility, mechanical resistance.
- Excellent substitute for ceramic packings.

Ceramic (Glass Reinforced)

- Packing (Round, Square, Rectangular), Rope (Twisted, Overbraided)
- The ceramic fibre insulation is rated to 1260°C in situ. The glass reinforcement is rated to 550°C.
- It is resistant to thermal shock and has excellent thermal stability, low heat storage and excellent corrosion resistance.
- It also resists attack from most corrosive agents with the exception of hydrofluoric acid, phosphoric acid & concentrated alkalis.
- Excellent asbestos replacement.

Ceramic (Wire Reinforced)

- Packing (Round, Square, Rectangular), Rope (Twisted, Overbraided)
- The ceramic fibre insulation is rated to 1260°C in situ.



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.

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- The wire reinforcement is rated to 1000°C.
- It is resistant to thermal shock and has excellent thermal stability, low heat storage and excellent corrosion resistance.
- It also resists attack from most corrosive agents with the exception of hydrofluoric acid, phosphoric acid & concentrated alkalis.
- Excellent asbestos replacement.

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.

Bio Soluble Packing (Glass Reinforced)

- Packing (Round, Square, Rectangular), Rope (Twisted)
- Manufactured from special bio soluble (body soluble) yarns developed as a direct replacement for harmful asbestos and ceramic products.
- The bio soluble fibre insulation is rated to 1000°C in situ.
- The glass reinforcement is rated to 550°C.
- Excellent insulation of gas and steam turbines.
- Excellent exhaust insulation.
- Excellent radiant heat protection.
- Excellent boiler, furnace and kiln car door seals.

Bio Soluble Packing (Wire Reinforced)

- Packing (Round, Square, Rectangular), Rope (Twisted)
- Manufactured from special bio soluble (body soluble) yarns developed as a direct replacement for harmful asbestos and ceramic products.
- The bio soluble fibre insulation is rated to 1000°C in situ.
- The wire reinforcement is rated to 1000°C.
- Excellent air tight door seals for Industrial furnaces, kilns, and boilers.

Kevlar Cord

- Para-Aramid Cord is an 8 plait braided cord made from virgin Dupont Kevlar® para-aramid yarn to create a dense and very strong rope resistant to temperatures up to 350°C.
- Predominately used in glass tempering furnaces, and other glass / aluminium production applications.



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