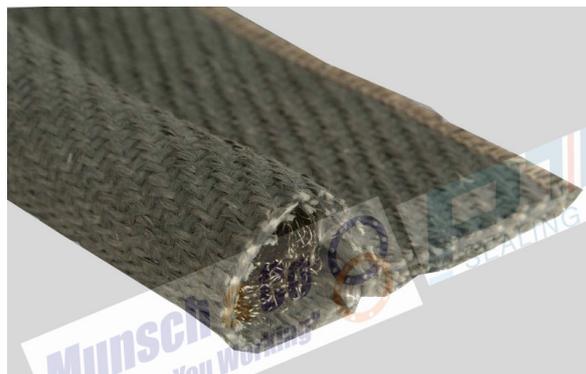




Technical Data Sheet

Tadpole Tape Door Seals

Our range of high temperature tadpole tape door seals utilise special high temperature materials to meet special challenges in machine manufacturing, plant engineering, process industries, industrial furnaces, chimney stove and boiler, furnace, kiln manufacturing and maintenance. Uncoated fabrics are chosen in dry heat applications where extreme temperatures apply and coated fabrics from natural rubber or silicone where special sealing demands are specified for instance where moisture is present or insulation contamination is to be kept to a minimum.



TEXTILES

E Glass Tadpole Tape

- Textured/Continuous Filament - Silicone sponge/soft lagging/firm packing/stainless steel bulb
- Manufactured from 1000gm textured E Glass cloth which gives a 2mm thick tail.
- Manufactured with a highly resilient silicone sponge to maintain excellent structural integrity of the bulb.
- Stitched with para aramid sewing thread.
- Rated to 240 or 550°C dependent on bulb type.
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 550°C. (Dependent on bulb type.)

Natural Rubber Proofed E Glass Tadpole Tape

- Silicone sponge/soft lagging/firm packing/stainless steel bulb
- Manufactured from natural rubber proofed E Glass cloth which gives a 3mm thick tail and an excellent gasket and sealing solution.
- Stitched with para aramid sewing thread.
- Rated to 240°C.
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 240°C.

Silicone Coated E Glass Tadpole Tape

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

Contact

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Certificate Number: 14352
ISO 9001



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- Silicone sponge/soft lagging/firm packing/stainless steel bulb
- Manufactured from red coated silicone E Glass cloth which gives a 1.5mm thick tail and has excellent weather, age resistance and high stability to ozone and UV light.
- The red colour is due to the high content of iron oxide.
- It is also water repellent and is resistant to water vapour.
- Silicone is non-halogenic and flame retardant.
- Stitched with para aramid sewing thread.
- Rated to 250°C.
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 240°C.

GTEX Graphite Tadpole Tape

- Soft lagging/firm packing/stainless steel bulb
- Manufactured from 1100gm graphite impregnated E glass cloth which gives a 2mm thick tail and a tough abrasion resistant, outer covering.
- Stitched with Para-aramid sewing thread.
- Rated to 550°C.
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 550°C.

Weldpro E Glass Tadpole Tape

- Soft lagging/firm packing/stainless steel bulb
- Manufactured from 1000gm Weldpro E Glass cloth which gives a 2mm thick tail and a tough abrasion resistant outer covering rated to 1500°C short term, 550°C continuous.
- Stitched with PTFE Stainless Steel sewing thread.
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 550°C.

HT800 Glass Tadpole Tape

- Soft lagging/firm packing/stainless steel bulb
- Manufactured from 1000gm textured HT800 Glass cloth which gives a 2mm thick tail and a tough abrasion resistant, outer covering.
- Stitched with PTFE Stainless Steel sewing thread.



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- Rated to 700°C.
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 700°C.

Textured Preshrunk Silica Tadpole Tape (Vermiculite)

- Soft lagging/firm packing/stainless steel bulb
- Manufactured from textured preshrunk silica cloth with added vermiculite dispersion which gives a 2.5mm thick tail and serves as an excellent weavelock to prevent fray and aid fabrication.
- The cloth has been subjected to a further heat treatment process to preshrink the fabric to ensure no shrinkage in application.
- Stitched with PTFE Stainless Steel sewing thread.
- Rated to 1000°C.
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 1000°C.

Bio Soluble Tadpole Tape

- Soft lagging/firm packing/stainless steel bulb
- Manufactured from 1000gm wire reinforced bio soluble cloth to give a 3mm thick tail.
- Stitched with PTFE Stainless Steel sewing thread.
- Rated to 1000°C. (Some light burn off of organic matter on first application).
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 1000°C.

Ceramic Tadpole Tape

- Soft lagging/firm packing/stainless steel bulb
- Manufactured from wire reinforced ceramic cloth which gives a 3mm thick tail.
- Stitched with PTFE Stainless Steel sewing thread.
- Rated to 1260°C. (Some light burn off of organic matter on first application).
- Available in standard, double bulb and double tail profiles.

Applications

For dry heat, extreme temperature door seal applications up to 1260°C.



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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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