



Pyroglass



Glass-fibre cords and tapes

- Drains moisture from the insulation system
- Helps to prevent corrosion under insulation on tanks and pipes
- High quality bulked E-glass fibre
- Superior handling and thermal characteristics
- High temperature sealing
- Resistant to oils, chemicals and solvents



Pyroglass

Pyroglass Glass Fibre tapes, sleeving, seals, rope lagging for use in the domestic and industrial heating appliance manufacturing industries. The major part of the range is based on high quality bulked E-type glass fibre yarns, which possess superior handling and thermal resistance characteristics compared to other grades of glass fibre yarns. E-type glass fibre is suitable for use in temperatures of up to 600°C depending upon the particular applications. However other grades of material are available for use in more hostile environments of up to 1200°C and are available on request.

Typical Applications

Oil	Burner mounting assembly seals, boiler casing seals, fuel system seals.
Gas	Boiler casing seals, heat exchanger seals, combustion door seals, balanced fuel terminal seals, fuel spigot seals, window (frame casing seals).
Solid Fuel	Window seals, door seals, fuel hopper seals, ash pan seals, casing and heat exchanger seals.
Fuel	Window seals, door seals, fuel hopper seals, casing and heat exchanger seals.
Steam	Pyrolag primary insulation rope and Pyrosleeve tubular protective sleeving for insulation and personal protection.
Hot Air/ Gas	Pyrotape plain ladder section tape an ideal medium for sealing sections of ducting carrying hot air fuel gases. Also ideal for boiler casing and balanced fuel terminal systems.

Characteristics

Pyrotape glass fibre is manufactured from mechanically bulked E-type glass yarn and has been developed as an ideal medium for thermal insulation and heat sealing applications. The basic fibres are lightweight, resilient, incombustible and suitable for operation in applications of up to 600°C. Pyroglass is resistant to oils, most chemicals and solvents, will not rot and is unaffected by bacterial growth.

PYROTAPE-Glass fibre tape

Pyrotape is available in plain and ladder section form. A double sided adhesive tape can be applied to both types to assist location. Material is supplied as braided type, in thickness 2, 3 and 6mm.

Availability	Plain Tape	Plain Tape	Plain Tape	Ladder Tape	Ladder Tape	Ladder Tape
Reference	PGT2	PGT3	PGT6	PGTL2	PGTL3	PGTL6
Width(mm)	12-150	12-150	25-75	20-150	20-150	25-75

PYROSEAL PGS 10-Round section glass fibre seal

PGS 10 is constructed from a thick glass yarn wall coupled with a stranded centre glass yarn core. It possesses excellent handling and flexibility characteristics and is ideal for use in dry, static sealing applications involving hot air and combustion gases. Standard colour is off-white.

Available diameters: 3 – 5 – 6 – 8 – 9 – 10 – 12 – 15 – 20 – 25 – 30 – 40

PYROSEAL PGS 11-Round section glass fibre seal

PGS 11 is constructed as a thick wall glass rope seal without the addition of central filler yarns. This process results in a lightweight and extremely flexible seal which is able to conform to tight radii without the loss of section or performance. PGS 11 is ideal for dry heat applications where low flange pressures are present.

Available diameters: 4 – 6 – 8 – 10 – 13 – 16

Also available

PYROSLEEVE-Glass Fibre Sleeving to facilitate the covering of intricate pipework and hose

PYROLAG-Glass Rope Lagging PGL 40 is manufactured from a central core of glass fibre sliver which is contained by an open overbraid of texturised continuous filament glass yarn.

Options

Widths, types, colours and bore sizes other than standard are available to order.