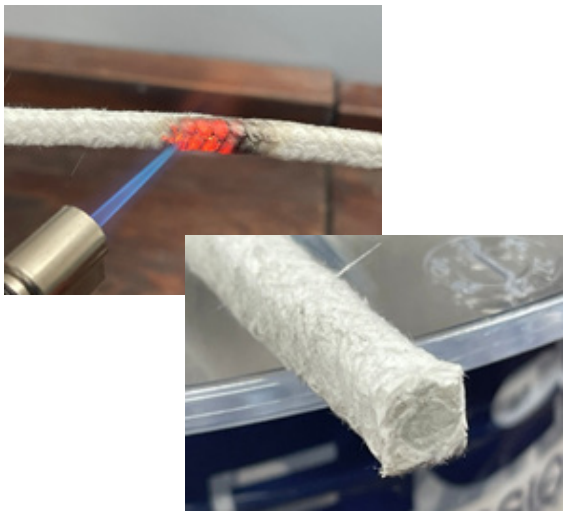
RETECH®
QUALITY FOR PROFESSIONALS

Gland Packing Rope 2

Braided high-density impregnated glass fibre gland packing rope.





Properties:

- High temperature resistance
- High stiffness while retaining elasticity
- Excellent resistance to unravelling
- Excellent sealing and insulating properties

Advantages:

- Easy application
- Highly conformable
- Long service life

Applications:

RETECH Gland Packing Rope 2 is a unique braided high-density impregnated glass fibre gland packing rope, distinguished by its non-flammability and very high temperature resistance up to 650 °C. It is used as a sealing rope for flanged joints in pumps, valves, piping systems and other equipment. **RETECH Gland Packing Rope 2** is primarily used in industrial high-temperature applications and hot operating environments in steelworks and metallurgy, glassworks, thermal equipment, the petro-chemical and marine industries, and similar sectors.

Technical data:

Material	Braided multilayer glass fibre
Colour	White
Glass fibre diameter	9 µm
Core cross-section dimensions	6 x 6 mm
Temperature resistance	–100 °C to +500 °C continuously
Maximum temperature resistance	+650 °C (short-term, for 30 min)
Maximum loss on ignition	4 %
Maximum shrinkage	3 %
Density	0.7 g/cm³ ±15 %
Chemical resistance	Excellent
Fluid pH range	1 – 14

Instructions for use:

1. Remove the old packing rope from the packing recess in the housing. Clean this recess thoroughly and inspect it for wear or damage. If wear is excessive, repair the packing recess or replace the housing. Also thoroughly clean the mating surface of the other half of the joint.
2. Prepare the required length of packing rope to match the perimeter of the packing recess in the housing, and cut its ends diagonally at an angle of 45°.
3. Insert the packing rope into the prepared packing recess in the housing and press it firmly into place using a blunt pressing tool.
4. Assemble the joint and tighten the flange bolts alternately around the entire perimeter to the specified tightening torque.

ONLY FOR PROFESSIONAL AND INDUSTRIAL USE!

Order codes:

Name	Storage code	Package	Volume / Size	Order number
Gland Packing Rope 2 - 4 mm	GPR4	PE Packet	4x4 mm - 1 m	R 34038
Gland Packing Rope 2 - 6 mm	GPR6	PE Packet	6x6 mm - 1 m	R 34040
Gland Packing Rope 2 - 8 mm	GPR8	PE Packet	8x8 mm - 1 m	R 34042
Gland Packing Rope 2 - 10 mm	GPR10	PE Packet	10x10 mm - 1 m	R 34044
Gland Packing Rope 2 - 12 mm	GPR12	PE Packet	12x12 mm - 1 m	R 34046
Gland Packing Rope 2 - 14 mm	GPR14	PE Packet	14x14 mm - 1 m	R 34048
Gland Packing Rope 2 - 16 mm	GPR16	PE Packet	16x16 mm - 1 m	R 34050
Gland Packing Rope 2 - 18 mm	GPR18	PE Packet	18x18 mm - 1 m	R 34052
Gland Packing Rope 2 - 20 mm	GPR20	PE Packet	20x20 mm - 1 m	R 34054
Gland Packing Rope 2 - 22 mm	GPR22	PE Packet	22x22 mm - 1 m	R 34056
Gland Packing Rope 2 - 24 mm	GPR24	PE Packet	24x24 mm - 1 m	R 34058
Gland Packing Rope 2 - 26 mm	GPR26	PE Packet	26x26 mm - 1 m	R 34060

Storage:

Store in a dry place at temperatures between +10 °C and +35 °C. Protect from direct sunlight and frost.

Healt and Safety:

Health and Safety information is available in the Material Safety Data Sheet and on the label.

Declaration:

The information and recommendations in this publication are to the best of our knowledge reliable. However nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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