



CERAMIC FIBER PACKING ROPE

Ultra High Temperature • Thermal Insulation • Reliable Sealing



High Temp
Resistance



Fire
Resistant



Thermal
Insulation



Reliable
Sealing

1. STRUCTURE

Braided Ceramic Fiber Yarn

High purity ceramic fiber yarn, tightly braided

High Temperature Core

Dense, stable and heat-resistant core

Precision Braided Construction

Provides excellent strength and flexibility

2. ROPE PROFILES

ROUND ROPE



SQUARE ROPE



BRAIDED PACKING ROPE

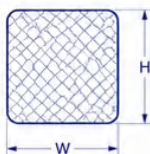


4. TYPICAL DIMENSIONAL DRAWINGS

ROUND ROPE



SQUARE ROPE



BRAIDED PACKING ROPE



6. STANDARD COIL LENGTH



- 10 meters / coil
- 20 meters / coil
- 30 meters / coil
- 50 meters / coil
- Custom lengths available

7. PACKAGING



- Plastic bag
- Woven bag
- Carton box
- Palletized

8. TYPICAL APPLICATIONS



Industrial
Furnace



Boiler



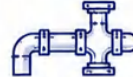
Kiln



Heat Treatment
Furnace



Expansion
Joint



High Temperature
Pipeline



Petrochemical
Equipment



Power Plant



3. STANDARD SIZES

Diameter / Size (mm)	Round Rope (Ø mm)	Square Rope (W x H mm)	Braided Packing Rope (Ø mm)
6	6	6 x 6	6
8	8	8 x 8	8
10	10	10 x 10	10
12	12	12 x 12	12
16	16	16 x 16	16
20	20	20 x 20	20
25	25	25 x 25	25
Custom Size	Available	Available	Available

5. TECHNICAL SPECIFICATIONS

Property	Unit	Typical Value
Color	—	Off-white
Bulk Density	kg/m ³	350 – 550
Tensile Strength	MPa	≥ 3.0
Thermal Conductivity (at 600°C)	W/m·K	≤ 0.12
Continuous Operating Temperature	°C	1000
Maximum Operating Temperature	°C	1260
Short-term Peak Temperature	°C	1430
pH Value	—	7 – 9
Chemical Resistance	—	Excellent (Resists most acids, alkalis, and organic solvents except HF & H ₃ PO ₄)
Combustibility	—	Non-combustible
Moisture Content	%	≤ 1.0

Note: The above data are typical values obtained under standard test conditions. Values may vary with different working conditions. Please contact us for more details or customized requirements.

Ultra High Temperature up to **1430°C**