



4AC.079

Braided ropes – Glass - Untreated

Overview

E-glass fibre stands out for its resistance to high temperatures and its great electrical insulation properties. This rot-proof and dimensionally stable material also resists the main chemical agents, even with strong variations in humidity and temperature. Different versions are available, including coated with silicone, rubber, PTFE, graphite wicking, coupled with aramid or a stainless-steel sleeve. Each of them enhances mechanical properties, reduces pollution from airborne fibres and optimises sealing. The braided ropes are available in standard diameter ranging from 4 to 60 mm.

Technical Data

Properties		Unit	Value		
Material			Glass		
Composition		%	SiO ₂ : 52-56 CaO: 16-25 Al ₂ O ₃ : 12-16	B ₂ O ₃ : 5-10 MgO: ≤ 5 Na ₂ O+K ₂ O: ≤ 1	F ₂ : ≤ 1 Fe ₂ O ₃ : ≤ 0.4 TO ₂ : ≤ 0.8
Temperature	Operating	°C	550		
	Peak		700		

General Data

Material	Thermal resistivity	Mechanical strength	Chemical resistance
Glass	★★★★☆	★★★★☆	★★★★☆ Except for phosphoric and hydrofluoric acid

Applications

- Insulation gasket for industrial furnace, chimney and fireproof door



Glass braided rope

Available braided ropes

Round braided ropes	
Section (mm)	Internal reference
3	1TEX001351
4	1TEX001352
5	1TEX001353
6	1TEX001354
8	1TEX001355
10	1TEX001356
12	1TEX001357
14	1TEX001358
15	1TEX001359
16	1TEX001360
18	1TEX001361
20	1TEX001362
22	1TEX001363
25	1TEX001364
28	1TEX001365
30	1TEX001366
35	1TEX001367
40	1TEX001368
50	1TEX001369
60	1TEX001370

Square braided ropes	
Section (mm x mm)	Internal reference
4 x 4	1TEX001331
5 x 5	1TEX001332
6 x 6	1TEX001333
8 x 8	1TEX001334
10 x 10	1TEX001335
12 x 12	1TEX001336
14 x 14	1TEX001337
15 x 15	1TEX001338
16 x 16	1TEX001339
18 x 18	1TEX001340
20 x 20	1TEX001341
22 x 22	1TEX001342
25 x 25	1TEX001343
28 x 28	1TEX001344
30 x 30	1TEX001345
35 x 35	1TEX001346
40 x 40	1TEX001347
45 x 45	1TEX001348
50 x 50	1TEX001349
60 x 60	1TEX001350

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