GSG500

Braided Tubing // Fiberglass

Untreated fiberglass braid, combines high mechanical strangthwith with its capability of insulating heat and sound. This insulation tubing ist not flammable and resists to most chemical agents.
We can offer nearly every custom specific size and structure .

Contact

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Technical Reference



Material	Fiberglass braid		
Colors	None, possibility to add color coding threads.		
Packaging	spools		
Specification	Operating temperature:	-70°C to +500°C	
	Melting point	840°C	
	Dielectric strength:	8 kV/mm	
	Flammability	100% (LOI Wert)	(ASTM 2863)
	Resistance to acids and other agressive liquids:		good
	Resistance to aging, excellent resistance to fungusand mold.		

ALL MEASURES OF LENGTH VALID FOR BRAID PULLED IN LENGTH.

Sizes and Ordering Codes

Ordering-Code	Inner-Ø from - tp mm	Wall mm	Weight g/100m
GSG500-0,8-nt/G66	0,3 - 1	0,12	66
GSG500-1-nt/G117	0,5 - 2	0,15	117
GSG500-1,3-nt/G165	1 - 1,5	0,2	165
GSG500-1,5-nt/G190	1 - 2	0,2	190
GSG500-1,5-nt/G429	1 - 2	0,21	429
GSG500-2-nt/G148	0,8 - 2,5	0,14	148
GSG500-3-nt/G220	1 - 2,5	0,18	220
GSG500-2,5-nt/G490	1,5 - 3	0,36	490
GSG500-2,5-nt/G254	1,3 - 3	0,19	254
GSG500-3-nt/G213	1 - 4	0,14	213
GSG500-3-nt/G335	2 - 3,5	0,21	335
⋮			
GSG500-18-nt/G1403	8 - 20	0,21	1.403
GSG500-18-nt/G2233	12 - 24	0,25	2.233
⋮			

*The sizes in this tabel are only meant as an **example**.*
Diameters up to 300mm and more are possible.

Ordering-Code	Inner-Ø from - tp mm	Wall mm	Weight g/100m
GSG500-32-nt/G4343	18 - 40	0,32	4.343
GSG500-32-nt/G7130	18 - 36	0,55	7.130
⋮			
GSG500-50-nt/G4160	18 - 65	0,27	4.160
GSG500-50-nt/G7510	25 - 60	0,35	7.510
GSG500-50-nt/G11782	32 - 60	0,51	11.782
GSG500-60-nt/G15987	30 - 75	0,56	15.987
GSG500-60-nt/G6309	20 - 65	0,35	6.309
GSG500-70-nt/G13370	30 - 80	0,45	13.370
GSG500-70-nt/G8494	24 - 85	0,34	8.494
GSG500-75-nt/G15386	30 - 90	0,56	15.386
GSG500-80-nt/G13288	28 - 90	0,44	13.288
GSG500-80-nt/G10554	28 - 92	0,39	10.554
GSG500-90-nt/G1263530	- 100	0,45	12.635
GSG500-100-nt/G1465732	- 120	0,41	14.657
⋮			

Wallt hickness, material density and flexibility can be adjusted within a wide range.

Standards and Approvals

RoHS 2002/95/EG, RoHS 2011/65/EU, 2015/863/EU

Prior to application call us for consulting, please. Please ask for the newest version of this datasheet.
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