



GRAPHITE PACKING - GR8800

Composition

The graphite gland compression packing GR8800 is made with continuous PAN graphite yarns, pure graphite powder and Inorganic inhibitor of corrosion

Characteristics

Special braided packing made by PAN continuous yarns, The impregnation occurs in three phases: at first on the single yarns, second during the braiding and at end on the body. The impregnation compound includes pure colloidal graphite and the inhibitor of corrosion to minimize the stem corrosion's risks. GR8800 offer a great recovery along the time because the PAN yarns do not show aging.

Applications

GR8800 is an excellent graphite packing suitable for valve in Steam, Hydrocarbon and Petrochemical services, for Feed Boiler pumps and Soot Blowers. Avoid the strong oxidizers media, hot combustion gases and hot air over 450 °C. Available also in the style GR8800/R with continuous Inconel® wire PAN yarns.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T °C	T °F
	300	4500	1	200	0 ÷ 14	-100 ÷ 450 / 650	-150 ÷ 840 / 1200
	20	300	2	400			
	20	300	25	5000			

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- With weakly oxidizing agents and hot air the temperature must be limited to 450 °C
- With steam and non-oxidizing fluids the temperature must be limited to 650 °C
- Graphite and carbon cannot be used with oxidizing fluids



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sezione mm	sezione inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3	1/8	1	2.2	85.5	280	85.5	127.3
4	-	1	2.2	48.1	158	48.1	71.6
5	3/16	1	2.2	30.8	101	30.8	45.8
6	-	2.5	5.5	53.4	175	21.4	31.8
6.5	1/4	2.5	5.5	45.5	149	18.2	27.1
8	5/16	2.5	5.5	30	99	12	17.9
9.5	3/8	2.5	5.5	21.3	70	8.5	12.7
10	-	2.5	5.5	19.2	63	7.7	11.5
11	7/16	2.5	5.5	15.9	52	6.4	9.5
12	-	2.5	5.5	13.4	44	5.3	8
12.7	1/2	2.5	5.5	11.9	39	4.8	7.1
14	9/16	5	11	19.6	64	3.9	5.8
16	5/8	5	11	15	49	3	4.5
17.5	11/16	5	11	12.6	41	2.5	3.7
18	-	5	11	11.9	39	2.4	3.5
19	3/4	5	11	10.7	35	2.1	3.2
22	7/8	5	11	7.9	26	1.6	2.4
25.5	1	5	11	5.9	19	1.2	1.8

- The weight per meter and the packaging's weight may have a tolerance of +/- 10%. Other sizes and packaging are available on demand.



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