



# GR8048

## Composition

Flexible expanded graphite strands braided together the carbon yarns and impregnated with graphite powder and inhibitor of corrosion.




## Characteristics

The graphite packing style GR8048, which combines carbon yarns and expanded mineral graphite is impregnated with a special solution based on pure graphite powder and corrosion inhibitor to improve the sealing performance while minimizing fugitive emissions. The packing style GR8048 shows great elasticity and reliability at high temperatures.

## Applications

The graphite packing style GR8048 is extremely versatile thanks to the double yarns. It can be applied indifferently both in static services at high temperature and pressure and in dynamic services including that of soot blowers and those with diathermic oil. The graphite packing style GR8048 can be used with all non-oxidizing fluids and compatible with graphite.

## Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T °C	T °F
	300	4500	2	300	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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The graphite packing GR8048, thanks to the continuous carbon yarns on the corners, is extremely effective against extrusion and wear and therefore can be used successfully on both valve and pump services. Thanks to the expanded mineral graphite body GR8048 is very flexible and easy to install in the stuffing box.



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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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