RAMIE PACKING R4804

Composition

Ramie yarns
Dispersion of PTFE
Lubricant silicon free

Characteristics

Ramie is used for applications requiring robustness and durability. For this reason, it is employed in the production of packings and textile gaskets, taking advantage of its resistance properties, especially in industrial environments that require materials with good chemical and wear resistance.

- **High tensile strength**: it is up to eight times stronger than cotton, making it ideal for industrial and technical applications.
- **Moisture resistance**: ramie maintains its strength even in humid environments, offering excellent dimensional stability.
- **Wear resistance**: compared to other natural fibers, it is less prone to deterioration from friction and wear.
- **Thermal stability**: it can withstand high temperatures without losing its mechanical properties.
- **Environmental sustainability**: as a natural and biodegradable fiber, ramie is considered a sustainable choice.

Applications

Packing for pumps and mixers, suggested for marine applications.

Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	60	900	2	400	4 ÷ 10	-50 ÷ 120	-60 ÷ 250
	25	375	10	2000			

- 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

Ramie Packing R4804

The R4804 gasket is made entirely of Ramie yarn, coated with PTFE and a silicone-free lubricant. This product, softer and more elastic than aramid fiber gaskets, ensures good sealing performance while protecting shafts and bearings. Ramie is a natural technical yarn. This fiber is valued for its high mechanical strength, making it one of the most robust and durable natural yarns, and is also distinguished by its low elasticity and resistance to deformation, maintaining its shape and structure over time.

CARRARA GLOBAL SEALING SOLUTIONS

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RAMIE PACKING R4804

sezione mm	sezione inch	kg/box	lbs/box	mt/box	ft/box	mt/kg	ft/lbs
3	1/8"	1	2.2	100.0	328.1	100.0	149.0
4	-	1	2.2	50.0	164.0	50.0	74.5
5	3/16"	1	2.2	25.0	82.0	25.0	37.2
6	-	2.5	5.5	50.0	164.0	20.0	29.8
6.5	1/4"	2.5	5.5	41.7	136.8	16.7	24.8
8	5/16"	2.5	5.5	27.8	91.2	11.1	16.6
9.5	3/8"	2.5	5.5	19.2	63.0	7.7	11.4
10	-	2.5	5.5	17.9	58.7	7.1	10.7
11	7/16"	2.5	5.5	14.7	48.2	5.9	8.8
12	-	2.5	5.5	12.5	41.0	5.0	7.4
12.7	1/2"	2.5	5.5	10.9	35.8	4.3	6.5
14	9/16"	5	11	17.9	58.7	3.6	5.3
16	5/8"	5	11	13.9	45.6	2.8	4.1
17.5	-	5	11	12.2	40.0	2.4	3.6
18	11/16"	5	11	11.1	36.4	2.2	3.3
19	3/4"	5	11	9.8	32.2	2.0	2.9
22	7/8"	5	11	7.4	24.3	1.5	2.2
25.5	1"	5	11	5.3	17.4	1.1	1.6

- 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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