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PTFE

3R720

Description

3R 720 packing is a firm, high density interlock braided packing manufactured from pure ePTFE filaments pretreated with PTFE dispersion, but contains no other lubricants. The PTFE dispersion provides a low friction surface finish and prevents leakage through the braid.



Applications

This packing is especially suited for oxygen service and other services where lubricants other than PTFE cannot be tolerated. 3R720 is commonly used in valves and lower shaft speed applications. It is resistant to most chemicals, aggressive fluids, gases and solvents, with the exception of molten alkali metals.

Specifications

Technical Data

Temperature	-268°C to 280°C (-450°F to 539°F)
Pressure	Static: 3600 psi, Rotating: 290 psi, Reciprocating: 2150 psi
Shaft Speed	987 fpm (5 m/s)
pH	0-14

Approximate yields - Feet per pound (+/- 10%)

1/8"	94.5
3/16"	42
1/4"	21.3
5/16"	13.9

3/8"	9.9
7/16"	7.4
1/2"	5.3
9/16"	4.3
5/8"	3.6
3/4"	2.5
7/8"	1.9
1"	1.6

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.