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CARBON - GRAPHITE

3R771



Description

The 3R 771 is a firm packing made of braided inconel reinforced fibers on a soft core. It is impregnated with a high temperature resistant compound and is coated with fine particles of graphite to act as a surface lubricant. It is also treated with a solution that contributes to alleviating electrolytic action.

Applications

It can handle steam, most chemicals, mild acids, and alkali. It is excellent for use in steam turbines, high temperature motor-actuated slide valves and in high pressure/high temperature valving in general.

Specifications

Service limits

Temperature	645°C (1190°F)
Pressure	Static: 2500 psi
Shaft Speed	2500 fpm (13 m/s)
pH	2-12

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

1/8"	110
3/16"	45.5
1/4"	21.5
5/16"	13.7

3/8"	9.5
7/16"	7.1
1/2"	5.4
9/16"	4.3
5/8"	3
3/4"	2.4
7/8"	1.8
1"	1.4

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.