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3R799

CARBON-GRAPHITE

The 3R799 packing is made from pure interlocked carbon yarns and is impregnated with a lubricant and graphite particles which fill voids and block leakage. The end product has a low coefficient of friction and tends to wear more evenly than most braided packing.



APPLICATIONS

In service, it seats quickly and does not require extensive break-in adjustments. The 3R799 is commonly used for high speed pumps, blowers, dryers, high temperature valves and furnace gasketing. It handles water, steam, boiler feed and aqueous solutions of acids and alkalis.

SPECIFICATIONS

Technical Data

Temperature	-240°C to 450°C (-400°F to 842°F)
Steam	650°C (1202°F)
Pressure	Static:4350psi (300 bar), Rotating: 365psi (25 bar), Reciprocating: 1450psi (100 bar)
Shaft Speed	3937 fpm (20m/s)
pH	0-14 (except strong oxidizers)

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

1/8"	88.9
3/16"	43.2
1/4"	27.5
5/16"	16.6
3/8"	13

7/16"	8.7
1/2"	6.9
9/16"	5.2
5/8"	4.5
3/4"	3.3
7/8"	2.3
1"	1.7

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.