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CARBON - GRAPHITE

3R795



Description

The 3R795 is diagonally braided packing made from pure, expanded flexible graphite, reinforced with high quality carbon fibers. The carbon fiber reinforcement in the corners and body of the packing makes it resistant to extrusion and also increases its pressure handling capabilities.

Applications

This extremely versatile packing can be used in many demanding applications, both dynamic and static. The 3R795 packing is particularly suited for high temperature and high pressure service in valves, pumps, expansion joints, mixers and agitators. It can handle most chemicals in the 0-14 pH range with the exception of strong oxidizers.

Specifications

Technical Data

Temperature	-240°C to 450°C (-400°F to 842°F)
Steam	650°C (1202°F)
Pressure	Static: 4351psi, Rotating: 435psi, Reciprocating: 2900psi
Shaft Speed	3937 fpm (20 m/s)
pH	0-14 (except strong oxidizers)

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

1/8"	94.5
3/16"	39.8

1/4"	25.2
5/16"	18
3/8"	13.7
7/16"	9.9
1/2"	7.6
9/16"	5.9
5/8"	5
3/4"	3.9
7/8"	2.6
1"	2.1

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.