

CARBON - GRAPHITE

3R750



Description

The 3R 750 packing is an interlock braid of carbon fibers which are carefully impregnated with PTFE and a special lubricant. The resulting packing is very tough, resists wear, has excellent chemical resistance and prevents contamination.

Applications

This packing can handle chemicals over the entire 0-14 pH range except for strong oxidizers. It is very popular in the pulp and paper industry because it is especially designed for applications involving strong caustics, acids, bleaches, slurries and services where contamination cannot be tolerated. The 3R 750 is commonly used in valves and pumps, agitators, reactors, and autoclaves.

Specifications

Service limits

Temperature	-200°C to 280°C (-325°F to 535°F)
Pressure	Static: 2900 psi, Rotating: 362.6 psi
Shaft Speed	3000 fpm (15m/s)
pH	0-14 (except strong oxidizers)

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

1/8"	78.3
3/16"	46.5
1/4"	27.1

5/16"	17.7
3/8"	11.9
7/16"	8.7
1/2"	6.6
9/16"	5.2
5/8"	4.2
3/4"	2.9
7/8"	2.2
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.