



industries3r.com

Danville office

Industries 3R inc.
55, Road 116 West
Danville (Quebec)
Canada J0A 1A0

Telephone: (819) 839-2793
Fax: (819) 839-2797
Toll-free: (800) 567-2728
Email: info@industries3r.com

Montreal office

Industries 3R inc.
1479, Begin street
Ville St-Laurent (Quebec)
Canada H4R 1V8

Telephone: (514) 333-3971
Fax: (514) 333-7224
Email: info@industries3r.com

3R750

CARBON-GRAPHITE

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

Minimum temperature	-200°C (-325°F)
Maximum temperature	280°C (535°F)
Pressure	
Rotating	362.6 psi (25 bar)
Static	2900 psi (200 bar)
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, details and values indicated are to the best of our knowledge. We recommend to conduct tests according to local conditions. The data is subject to some variations without notice.