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3R790

SYNTHETIC FIBER

The 3R 790 is an interlock braid using carded synthetic yarns thoroughly impregnated with a PTFE suspensoid. The finished packing is again coated with PTFE dispersion and a break-in lubricant is added to reduce shaft wear and eliminate glazing at start up.



APPLICATIONS

It is an excellent multi-service packing which handles steam, water, solvents, oils, mild acids and alkali and a broad range of other chemicals. It is white in color and will not discolor the flow media. This style is recommended for use in centrifugal, rotary and reciprocating pumps and also mixers, agitators, and expansion joints.

SPECIFICATIONS

Service limits

Minimum Temperature	-100°C (-150°F)
Maximum Temperature	230°C (445°F)
Pressure	
Rotating	300 psi (20 bar)
Reciprocating	1160 psi (80 bar)
Static	1450 psi (100 bar)
Shaft Speed	2350 fpm (12 m/s)
pH	2-12

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

1/8"	78.3
3/16"	48.1

1/4"	23.3
5/16"	15.3
3/8"	10.6
7/16"	8.6
1/2"	5.8
9/16"	4.8
5/8"	3.9
3/4"	2.8
7/8"	2.2
1"	1.8

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.