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SYNTHETIC FIBERS

3R790

Description

The 3R790 is an interlock braid using carded synthetic yarns thoroughly impregnated with a PTFE suspenoid. 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

Technical data

Temperature	-100°C to 230°C (-150°F to 445°F)
Pressure	Rotating: 300 psi, Reciprocating: 1160 psi , Static: 1450 psi
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 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.