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3R730

BRAIDED PACKING

3R 730 packing is an interlock braid, utilizing EG2 PTFE/graphite yarn and a high temperature break-in lubricant. EG2 yarn is formed from expanded PTFE in which fine particles of pure graphite have been encapsulated. The resulting packing combines the chemical resistance of PTFE with the heat dissipation characteristics of graphite, thus allowing much higher shaft speeds than conventional PTFE packing.



APPLICATIONS

It is chemically inert over the entire 0-14 pH range with these exceptions: molten alkali metals, fluorides, aleum, fuming nitric acid, aqua regia and other strong oxidizing agents.

The 3R 730 is an excellent general service and corrosive service packing and commonly used in pumps, valves, rotating and reciprocating shafts, mixers and agitators. It is especially designed for services involving surface speeds and temperatures higher than those that can be handled by pure PTFE packing.

SPECIFICATIONS

Service limits

Minimum temperature	-200°C (-325°F)
Maximum temperature	280°C (535°F)
Pressure	
Rotating	500 psi (35 bar)
Reciprocating	1450 psi (100 bar)
Static	2900 psi (200 bar)
Shaft Speed	4900 fpm (25 m/s)
pH	0-14

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

1/8"	82.7
3/16"	34.6
1/4"	20.7
5/16"	14.0
3/8"	9.7
7/16"	7.1
1/2"	5.5
9/16"	4.5
5/8"	3.5
3/4"	2.4
7/8"	1.8
1"	1.5

N.B. The information, details and values indicated are to the best of our know ledge. We recommend to conduct tests according to local conditions. The data is subject to some variations w ithout notice.