

Packing Style: 7500



Chemically inert over the entire 0–14 pH range with these exceptions: molten alkali metals, fluorides, oleum, fuming nitric acid, aqua regia, and other strong oxidizing agents. An excellent general service and corrosive service packing. It is commonly used in pumps, in valves, in rotating and reciprocating shafts, in mixers and agitators, and is especially designed for services involving surface speeds and temperatures higher than

those that can be handled by pure PTFE packings.

CONSTRUCTION

Style 7500 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 packings.

TEMPERATURE

Minimum: -328°F (-200°C)
Maximum: 540°F (280°C)

PRESSURE

Rotating 500 psi (35 bar)
Reciprocating 1450 psi (100 bar)
Static 2900 psi (200 bar)

SHAFT SPEED

4900 fpm (25 m/s)

PH RANGE

0–14

Thickness	ft/lb	Thickness	ft/lb
1/8"	82	1/2"	6.3
3/16"	42	9/16"	RFQ
1/4"	23	5/8"	4.1
5/16"	15.6	3/4"	2.9
3/8"	11.7	7/8"	2.1
7/16"	RFQ	1"	1.75