2007 Braided Packing / Expanded PTFE, Graphite

CONSTRUCTION

Style 2007 packing is an interlock braid, utilizing TEADIT's 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.

APPLICATION / SERVICE

Style 2007 is chemically inert over the entire 0-14 pH range with these exceptions: molten alkali metals, flourides, aleum, fuming nitric acid, aqua regia, and other strong oxidizing agents.

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

SERVICE LIMITS		
Type	**Description**	**Value**
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		0-14

APPROXIMATE YIELDS			
Size	**Feet/Pound**	**Size**	**Feet/Pound**
1/8"	87.5	1/2"	5.9
3/16"	38.2	9/16"	4.5
1/4"	22.2	5/8"	3.7
5/16"	15.7	3/4"	2.5
3/8"	10.3	7/8"	2.0
7/16"	8.1	1"	1.6

1465 E. Sam Houston Pkwy South Suite 140 Pasadena TX 77503
TOLL FREE: 800-999-0198 PHONE: 281-476-3900 FAX: 281-476-3999
sales@teadit.com