

STYLE 2007

Braided Packing, Expanded PTFE, Graphite

CONSTRUCTION:

Style 2007 packing is an interlock braid, utilizing TEADIT's unique proprietary PTFE/graphite yarn and a high temperature break-in lubricant. This proprietary 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:

Temperature Limits		Pressure Limits	
Minimum	-328°F (-200°C)	Static	2900 psi (200 bar)
Maximum	536°F (280°C)	Rotating	507 psi (35 bar)
		Reciprocating	1450 psi (100 bar)
Shaft Speed	4921 fpm (25 m/s)	pH	0-14



APPROXIMATE STANDARD PACKAGE (±10%):

Size	Ft/Lb	84.0	37.8	20.2	3.7	9.8	7.4	5.2	4.2	3.5	2.5	1.9	1.4
	Inch	1/83	1/16	1/45	1/16	3/8	7/16	1/2	9/16	5/83	47/8		1
Standard Package (±10%)		1 Lb (0.5 Kg)		2 Lbs (1 Kg)		5 Lbs (2 Kg)			10 Lbs (5 Kg)				

Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.

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