



2777 Braided Packing / Novoloid Fiber, PTFE Impregnated

CONSTRUCTION

Style 2777 packing is an interlock braid using Novoloid fibers impregnated with PTFE. In addition, the individual fibers are lubricated using a special process that assures thorough lubrication for a longer packing life.

APPLICATION / SERVICE

Style 2777 packing is a high performance packing that is well suited to applications where graphite impregnation may not be acceptable. It can handle steam, water, acids and other chemical and solvent applications. This style has multiple uses in chemical plants and pulp and paper mills, and is regularly used in rotating and reciprocating pumps, washer journals, liquor pumps, refiners and digesters.

SERVICE LIMITS		
Type	Description	Value
Temperature Limits:	Minimum	-148°F (-100°C)
	Maximum	482°F (250°C)
Pressure Limits:	Rotating	362 psi (25 bar)
	Reciprocating	725 psi (50 bar)
	Static	1450 psi (100 bar)
Shaft Speed:		2952 fpm (15 m/s)
pH:	1 - 13 (except concentrated, hot sulfuric or nitric acid)	

APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	N/A	1/2"	6.3
3/16"	N/A	9/16"	5.6
1/4"	20	5/8"	4
5/16"	14.2	3/4"	2.9
3/8"	11.1	7/8"	2.2
7/16"	9.1	1"	1.8

Properties and application parameters shown throughout this datasheet 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 supersedes all previous issues.