



2003 Braided Packing/PTFE Yarn, Aramid Corners

CONSTRUCTION

Style 2003 is an interlock braided packing, using pure PTFE yarn, reinforced with aramid corners. The yarns are pretreated with PTFE dispersion, plus a break-in lubricant to reduce the coefficient of friction, as well as the frictional heat created by high shaft speeds.

APPLICATION / SERVICE

Style 2003 packing, with its unique combination of PTFE and aramid fibers, is dimensionally stable, non-contaminating, has excellent lubricating and running characteristics, and because of the aramid corners, is very wear resistant. It handles acids, alkalis, and a broad range of chemicals. It is well suited for service in rotary and reciprocating pumps, mixers, agitators and reactors, especially where abrasive wear is a problem.

SERVICE LIMITS			
Type	Description		Value
Temperature Limits:	Minimum		-150°F (-100°C)
	Maximum		540°F (280°C)
Pressure Limits:	Rotating		435 psi (30 bar)
	Reciprocating		1450 psi (100 bar)
	Static		2600 psi (180 bar)
Shaft Speed:			2350 fpm (12 m/s)
pH:			2-12
APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	N/A	1/2"	5.5
3/16"	N/A	9/16"	4.4
1/4"	21.6	5/8"	3.3
5/16"	15.3	3/4"	2.5
3/8"	9.7	7/8"	2.0
7/16"	7.1	1"	1.5

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.