



2044 Braided Packing/Spun Aramid Yarn, PTFE Impregnated

CONSTRUCTION

Style 2044 is an interlock braid, using spun aramid carded yarns, treated individually with PTFE suspensoid. The packing is also lubricated with silicone based compound for quick and easy break-in. The use of spun aramid fibers produces a softer and very tough packing, but one that is less abrasive than packings braided with aramid filaments.

APPLICATION / SERVICE

Style 2044 is a durable packing able to withstand granular and abrasive applications. It is recommended for service in superheated steam, slurries, petroleum derivatives, solvents, chemicals, liquified gases, pulp and paper stocks, sugar syrups, and other abrasive fluids.

For a firmer aramid/PTFE packing, with higher pressure capabilities, see Style 2004.

SERVICE LIMITS		
Type	Description	Value
Temperature	Minimum	-150°F (-100°C)
	Maximum	540°F (280°C)
Pressure	Rotating	300 psi (20 bar)
	Reciprocating	1150 psi (80 bar)
	Static	2200 psi (150 bar)
Shaft Speed		2950 fpm (15 m/s)
pH		2-12

APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	82.6	1/2"	6.6
3/16"	38.1	9/16"	4.6
1/4"	21.9	5/8"	3.8
5/16"	14.3	3/4"	2.9
3/8"	10.1	7/8"	2.0
7/16"	8.1	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.