



## STYLE 2005

### Braided Packing PTFE Yarn, Dry

#### CONSTRUCTION

**Style 2005** is a firm, high density interlock braided packing manufactured from pure PTFE filaments pretreated with PTFE dispersion, but contains no other lubricants. The PTFE dispersion provides a low friction surface finish and prevents leakage through the braid.

#### APPLICATION / SERVICE

**Style 2005** is similar to Style 2006S, but is especially suited for oxygen service and other services where lubricants other than PTFE can not be tolerated. Style 2005 is commonly used in valves and lower shaft speed applications. It is resistant to most chemicals, aggressive fluids, gases and solvents, with the exception of molten alkali metals.

#### SERVICE LIMITS

Type	Description	Value
<b>Temperature Limits:</b>	Minimum	-400°F (-200°C)
	Maximum	540°F (280°C)
<b>Pressure Limits:</b>	Rotating	290 psi (20 bar)
	Reciprocating	2150 psi (150 bar)
	Static	3600 psi (250 bar)
<b>Shaft Speed:</b>		984 fpm (5 m/s)
<b>pH:</b>		0-14

#### APPROXIMATE YIELDS

Size	Feet/Pound	Size	Feet/Pound
1/8"	87.5	1/2"	5.5
3/16"	40.2	9/16"	4.4
1/4"	21.3	5/8"	3.6
5/16"	14.9	3/4"	2.7
3/8"	9.4	7/8"	2.0
7/16"	7.8	1"	1.6

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.