



2002 Braided Packing / Carbon Yarn, Graphite Filled

CONSTRUCTION

Style 2002 packing is manufactured from pure carbon yarn, which is interlock braided and impregnated with proprietary lubricants and graphite particles which fill voids, block leakage, and act as a break-in lubricant. The end product has a low coefficient of friction and tends to wear more evenly than most braided packings.

APPLICATION / SERVICE

Style 2002 handles water, steam, boiler feed, and aqueous solutions of acids and alkalis. In service, it seats quickly and does not require extensive break-in adjustments. This style is commonly used for high speed pumps, blowers, dryers, high temperature valves, and furnace gasketing.

SERVICE LIMITS		
Type	Description	Value
Temperature	Minimum	-400°F (-240°C)
	Maximum	<ul style="list-style-type: none"> • In air 840°F (450°C) • In steam 1200°F (650°C)
Pressure	Rotating	365 psi (25 bar)
	Reciprocating	1450 psi (100 bar)
Pressure	Static	4350 psi (300 bar)
Shaft Speed		4000 fpm (20 m/s)
pH		0-14 (except strong oxidizers)

APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	135.5	1/2"	7.3
3/16"	44	9/16"	5.7
1/4"	28	5/8"	4.7
5/16"	19	3/4"	3.2
3/8"	14	7/8"	2.4
7/16"	7.8	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.