

STYLE 2103T

Braided Packing Carbon Yarn, PTFE Impregnated

CONSTRUCTION:

Style 2103T packing is an interlock braid of carbon fibers which are carefully impregnated with PTFE and a special lubricant. The resulting packing is very tough, resists wear, has excellent chemical resistance and prevents contamination.

APPLICATION / SERVICE:

Style 2103T packing can handle chemicals over the entire 0-14 pH range except for strong oxidizers. It is very popular in the pulp and paper industry because it is especially designed for applications involving strong caustics, acids, bleaches, slurries, and services where contamination cannot be tolerated. This style is commonly used in valves and pumps, agitators, reactors, and autoclaves.

SERVICE LIMITS:

Temperature Limits		Pressure Limits	
Minimum	-328°F (-200°C)	Static	4351 psi (300 bar)
Maximum	536°F (280°C)	Reciprocating	1450 psi (100 bar)
pH	0-14	Rotating	362 psi (25 bar)
Shaft Speed	2952 f/m (15 m/s)		



APPROXIMATE STANDARD PACKAGE (±10%):

Size	Ft/Lb	79.4	47.2	27.5	18	12.1	8.8	6.7	4.7	4.4	3.1	2.4	1.8
	inch	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
Standard Package (±10%)		1 Lb (0.5 Kg)	2 Lbs (1 Kg)	5 Lbs (2 Kg)		10 Lbs (5 Kg)							

Properties and application parameters shown throughout this data sheet 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 cancels all previous issues.

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