



2103t Braided Packing / Carbon Yarn, PTFE Impregnated

CONSTRUCTION

Style 2103t packing is an interlock braid of carbon fibers which are carefully impregnated with PTFE. 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			
Type	Description	Value	
Temperature Limits:	Minimum	-328°F (-200°C)	
	Maximum	536°F (280°C)	
Pressure Limits:	Rotating	362.6 psi (25 bar)	
	Reciprocating		
	Static	2900 psi (200 bar)	
Shaft Speed:		984 fpm (5 m/s)	
pH:		0-14 (except strong oxidizers)	
APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	70.9	1/2"	5.5
3/16"	33.8	9/16"	4.4
1/4"	18.8	5/8"	3.6
5/16"	12.6	3/4"	2.7
3/8"	9.0	7/8"	1.9
7/16"	6.9	1"	1.7

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.