



2070 EGK Yarn/Expanded PTFE-Graphite Yarn with Aramid Core

CONSTRUCTION

Style 2070 packing is an interlock braid, utilizing TEADIT's patented EGK yarn and a high temperature break-in lubricant...EGK yarn totally encapsulates a high strength aramid core in an expanded PTFE/graphite jacket. The aramid core contributes exceptional mechanical strength and dimensional stability, while the PTFE/graphite jacket provides chemical resistance, heat conductivity, self lubrication and a low coefficient of friction.

APPLICATION / SERVICE

Style 2070 is a superior general service and corrosive service packing. Its high resistance to extrusion (four times higher than conventional PTFE/graphite packings) makes Style 2070 ideal for handling chemically aggressive fluids in high surface speed and high pressure applications.

SERVICE LIMITS			
Type	Description	Value	
Temperature	Minimum	-150°F (-100°C)	
	Maximum	540°F (280°C)	
Pressure	Rotating	500 psi (35 bar)	
	Reciprocating	3600 psi (250 bar)	
	Static	3600 psi (250 bar)	
Shaft Speed		4900 fpm (25 m/s)	
pH		0-14	
APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	N/A	1/2"	5.8
3/16"	N/A	9/16"	4.4
1/4"	21.2	5/8"	3.5
5/16"	13.5	3/4"	2.5
3/8"	9	7/8"	2.0
7/16"	8.3	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.