



2138 Braided Packing / Ramie Yarn, Paraffin Impregnated

CONSTRUCTION

Style 2138 packing is braided with high quality ramie yarns in a square plait construction. The yarns are heavily impregnated throughout with paraffin and mineral oil.

APPLICATION / SERVICE

Style 2138 is a well lubricated, medium-hard packing with extremely low frictional characteristics, which assure minimal shaft wear. The ramie yarn is rot and mildew resistant, making the packing ideal for marine use, handling cold water, salt water, and cold oils. In the marine industry, it is commonly used in stern tubes, rudder posts, and tail shaft liners. This style is also used in the pulp and paper, waste/wastewater, steel and mining industries.

SERVICE LIMITS			
Type	Description	Value	
Temperature	Minimum	-	
	Maximum	212°F (100°C)	
Pressure	Rotating	217.6 psi (15 bar)	
	Reciprocating	217.6 psi (15 bar)	
	Static	290 psi (20°C)	
Shaft Speed		1200 fpm (6 m/s)	
pH		6-8	
APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	114	5/8"	5.6
3/16"	51	3/4"	4.2
1/4"	30	7/8"	3.0
5/16"	20	1"	2.4
3/8"	15	1-1/8"	1.8
7/16"	11	1-1/4"	1.5
1/2"	8.2	1-1/2"	1.0
9/16"	6.8		

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.