

PRODUCT DATA SHEET

STYLE NO.:

4900E



Braided expanded pure graphite ribbon foil with a carbon fiber carrier that creates a new packing that can seal leak-free to 2500 feet per minute. No flush is needed to 2000 fpm. A full pH range with excellent thermal conductivity and high tensile strength. This packing is 99.5% carbon content and can handle temperatures from -400°F to non-oxidizing atmospheres of 5000°F. Steam to 1200°F and 5000 psi. Oxidizers to 850°F.

WICK (BODY) MATERIAL:

Exfoliated Graphite foil

SURFACE LUBRICANT:

INTERIOR LUBRICANT:

CONSTRUCTION (BRAID):

None

None

Strand Locking

CONSTRUCTION (ADDITIONAL): Carrier yarn of carbon fiber

SPECIFICATIONS MET:

Nuclear certs available

APPLICATIONS: Centrifugal pumps, valves, expansion joints, mixers and expansion joints. Suited for chemical service, acids, strong caustics, hot oils, steam and solvents. Excellent permanent packing for valves. Will not score shafts or sleeves. Best impermeability for hydrocarbon emissions, does not deteriorate.

NOT RECOMMENDED for strong OXIDIZERS.

*1 Multiple Temperature limits:

+850°F in oxidizing atmospheres 1200°F in steam

5000°F in NON-Oxidizing atmospheres

Temperature (F°)	-400°F=========	========== +5000°F *1
pH Range (0 – 14)	0======================================	======14
Speed in F.P.M.	===============================	======2500

FEET PER POUND

INCHES	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	
POUNDS	132.0	57.0	36.0	18.0	15.0	11.0	9.0	5.0	3.3	

Properties and application parameters shown are typical and are presented in good faith but no warranty is expressed or implied. This edition supersedes all previous issues and all data is subject to change without notice. © 01-2015 MASTER PACKING & RUBBER COMPANY CEDAR RAPIDS, IOWA 52404 www.mprcseals.com 800-397-3429