

PRODUCT DATA SHEET

STYLE NO.: **4900R**



Braided expanded pure graphite ribbon foil with graphite yarn corners to resist extrusion and 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 has a high 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:	None
INTERIOR LUBRICANT:	None
CONSTRUCTION (BRAID):	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