

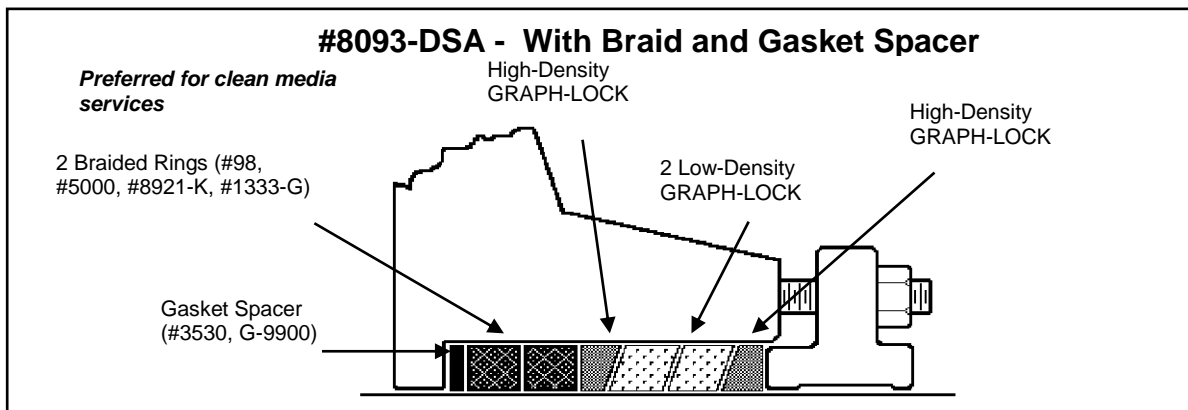
“Dry-Running Self-Adjusting” Packing for Rotary Services

#8093-DSA

#8093-DSA is designed for service in clean media, such as condensate, boiler feed water, light paper stock, white water, and feedwater. #8094-DSA is for more abrasive services. Some of their features include:

- eliminating flush water
- drastically reduce leakage
- no equipment modification needed
- reduce equipment wear and maintenance
- compatible throughout a wide range of chemicals

The 8093-DSA set consists of a gasket spacer (#3530 or #9900), braided rings (#1333-G, #98, #5000, or #8921-K), and low-density and high-density GRAPH-LOCK® die-formed rings.



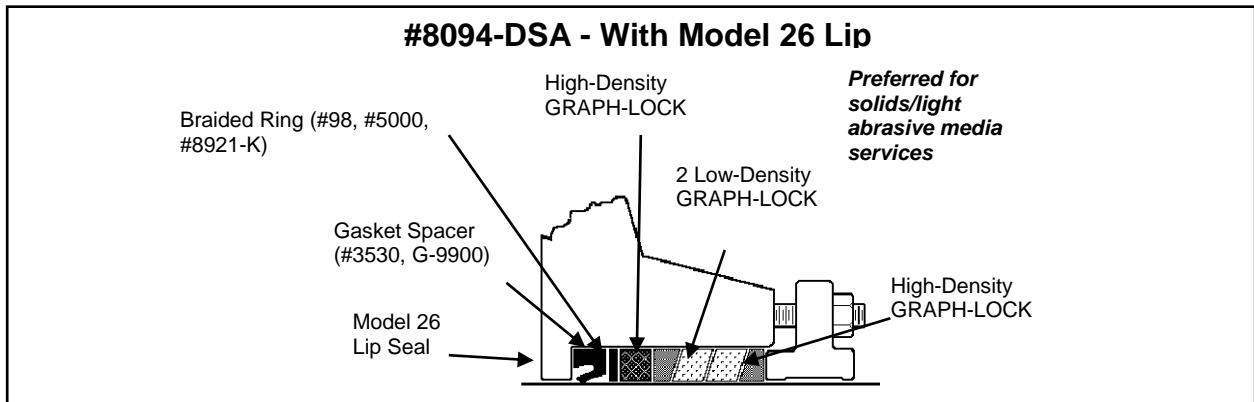
Temperature	+500°F/+260°C
pH Range	0 – 14*+
Shaft Speed	4000 fpm plus (20 m/s)
Pressure	500 psi (35 bar)

*except strong oxidizers
+consideration should be given to braid choice

8094-DSA

The #8094-DSA set incorporates a split Model 26, for excluding solids from the stuffing box in abrasive services.

The set consists of a Model 26 lip seal, gasket spacer (#3530 or G-9900), braided rings (#98, #5000, or #8921-K), and low-density and high-density GRAPH-LOCK® die-formed rings.



Temperature	+200°F/+93°C
pH Range	2 – 12*+
Shaft Speed	4000 fpm plus (20 m/s)
Pressure	300 psi (20 bar)

*except strong oxidizers

+consideration should be given to braid choice

Style #3530 Black GYLON® Gaskets

<u>ASTM TEST METHOD STYLE 3530</u>	<u>TYPICAL PHYSICAL PROPERTIES</u>	<u>GYLON</u>
F37B	Sealability	
	Milliliters/Hr. Leakage ASTM Fuel A (isooctane) Gasket Load, 1000 psi Internal Pressure, 9.8 psi	0.02
F38	Creep Relaxation, %	29
F36	Compressibility, percent range	7-17
F36	Recovery, %	40
D1708	Tensile Strength, Min., psi	3000
D1708	Modulus @ 100% Elongation, psi	2000
D792	Specific Gravity	2.16

Temperature Limits: -350°F (-210°C) to +500°F (+260°C)*

Pressure Limits: 1200 psi*

Max. Pressure x Temperature (°F): 350,000*

Flammability: Will Not Burn

Bacterial Growth: Will Not Support

* ASTM test results with ASTM F-104; properties are based on 1/32" (.08 mm) sheet thickness.

GARLOCK STYLE G-9900 Compressed Graphite Fiber Gasketing

Color:	Mahogany with Blue Brand
Binder:	Nitrile (NBR)
Fluid Services:	Saturated Steam, Water, Inert Gases, Aliphatic Hydrocarbons, Oils, Gasoline, Mild Acids and Mild Alkalies
Temp., Max.:	+1000°F (+540°C); Continuous Operating Temp. - +650°F (+340°C)
Pressure, Max.:	2000 psi
P x T, Max.:	700,000 (25,000) – 1/32" & 1/16"; 350,000 (12,000) – 1/8"

<u>ASTM Test Method</u>	<u>Typical Physical Properties</u>	<u>G-9900</u>
F37	<u>Sealability</u> Milliliters/Hr. Leakage, <u>ASTM Fuel A (isooctane):</u> Gasket Load, 500 psi Internal Pressure, 9.8 psi <u>Nitrogen:</u> Gasket Load, 3000 psi Internal Pressure, 30 psi	0.1 0.1
F38	<u>Creep Relaxation</u> - % Relaxation	9.0
F36	<u>Recovery</u> - Min. Percent	65
F36	<u>Compressibility</u> - % Range	7 - 17
F146	<u>Fluid Resistance After Five Hour Immersions:</u> <u>ASTM #1 Oil @ +300°F</u> Thickness Increase Range: Weight Increase, Max.: <u>ASTM #3 Oil @ +300°F</u> Thickness Increase Range: Tensile Loss, Max.: <u>ASTM Fuel A @ 70-85°F</u> Thickness Increase Range: Weight Increase, Max.: <u>ASTM Fuel B @ 70-85°F</u> Thickness Increase Range: Weight Increase, Max.:	0 - 5% 10% 0-10% 35% 0 - 5% 7% 0-10% 15%
F152	<u>Tensile Strength</u> - Across Grain, psi: <u>Density</u> - lbs./ft. ³ (grams/cm ³):	1800 110 (1.76)

NOTE: Test results in accordance with ASTM F104; properties based on 0.8mm (1/32" sheet thickness).