



New Material Option - Freudenberg[®] AU 30000

Freudenberg[®] AU 30000 urethane is a high tear-resistant urethane that demonstrates stability throughout a wide range of temperatures. In addition, this material is well suited to mineral and biodegradable hydraulic fluids and exhibits excellent hydrolysis resistance.



Hercules makes ordering custom seals easy and affordable! We can **meet or beat** any competitor's best price, as well as quote and manufacture your custom seals the same day – Guaranteed*! You may also be surprised by how affordable a custom seal can be. In fact, most custom seals cost little more than the same stock equivalent. When figuring in the wait time for an out-of-stock seal, a custom seal can become an excellent low-cost alternative! Use Our Easy 2 Step Quote Process -

- 1. Submit Your Written Competitor's Quote** - By phone, email or fax! Call our friendly sales staff at 1-800-777-5617 or 727-796-1300. Your written quote can be submitted by email at customseals@herculesus.com or by fax at 1-800-759-6391. For standard quotes online, visit the Hercules website at www.HerculesUS.com. Click "Custom Seal" to open the easy-to-use custom quote form. Most online quote requests are returned within 30 minutes or less. To view product options visit the Custom Seals page at www.HerculesUS.com or on page 1-10 of the Hercules 2016 Seal Catalog.
- 2. Sign Off on Your Design** – By email or fax. This is only necessary for orders of \$500 or more. Your Order is Guaranteed* Next Day or Freight is FREE!
Place your custom seal order by 3:30pm ET and request Next Day Air shipping to receive your custom order the next day. Since your custom seals are machined, there is never a setup charge.

*Standard styles and materials only. Limits on quantity, style and materials.

Typical Properties of Freudenberg[®] AU 30000 Urethane

Properties	Condition	Standard	Unit		Unit	
Color				Blue		Blue
Hardness	23°C	DIN ISO 7619-1	Shore A	94 +3/-4	Shore A	94 +3/-4
Hardness	23°C	DIN ISO 7619-1	Shore D	45 ±5	Shore D	45 ±5
Modulus 100%	23°C	DIN 53504, S2	MPa	14	psi	2030
Modulus 300 %	23°C	DIN 53504, S2	MPa	22	psi	3190
Tensile strength	23°C	DIN 53504, S2	MPa	62	psi	8992
Elongation at break	23°C	DIN 53504, S2	%	550	%	550
Tear strength	23°C	DIN 53515	kN/m	125	lbf/inch	713
Spec. gravity	23°C	DIN EN ISO 1183-1	kg/m ³	1170	g/cm ³	1.17
Compression set	24 h, 100 °C, 20 %	DIN ISO 815, B	%	31	%	31
Compression set	70 h, 100 °C, 10 %	DIN ISO 815, B	%	38	%	38
Compression set	24 h, 125 °C, 10 %	DIN ISO 815, B	%	48	%	48
Minimum service temperature			°C	-40	°F	-40
Maximum service temperature			°C	121	°F	250

* Available sizes from 1/2" ID to 12-1/2" OD imperial, and 12mm ID to 317 mm OD metric

Call: 800.777.5617
Online: www.HerculesUS.com

Email: sales@herculesus.com
Fax: 800.759.6391

Order today!