Garlock Style 3760

MULTI-SWELL™ Gasket

—the world's only premier self-loading general service gasket.

Over 70% of gasket failures are due to lack of load.
MULTI-SWELL™ Style 3760 Gaskets react with water or oil to create its own load. Problems with low load applications and leakage are a thing of the past.

Specifications

Materials of Construction	Synthetic fiber sheet with a proprietary rubber binder	
Temperature	Min -40ºF (-40°C) Cont. Oper. +400ºF (+205°C)	
PxT (max)*	150,000 (5,100) 1/16" and 1/32" 100,000 (3,400) 1/8"	
Pressure*	500 psi (35 Bar)	
ASTM F-104	Line Callout Compressibility: A9 Sealability:	F719990A9B6M3 15-30%, Thickness and weight increase 903 Oil; >70% (1) Nitrogen .75 ml/hr. max. (2) ASTM Fuel A .5 ml/hr

NOTE:
This is a general guide and should not be the sole means of selecting or rejecting this material. ASTM test results are in accordance with ASTM F104; properties based on 1/32" (0.8mm) sheet thickness (except as noted).

* P x T = psig x °F (bar x °C)

Value & Benefits

- Creates compressive load in light weight flanges in oil and water service — seals where standard gaskets won't
- More universal than gaskets that swell in oil only — reduces inventory
- Performs well in flanges that might crush an elastomer gasket, providing use in a wide array of applications
- More compressible than standard fiber gaskets and seals with low load
- Easy to cut and handle — extremely flexible, minimizes waste
- Replaces vegetable fiber gaskets in many applications — won't weep, improving plant safety
- Seals flanges in "less than perfect" conditions minimizing maintenance

Ideal for

- Compressors
- Pumps
- Gear Boxes
- Transformers
- Access Covers
- Generators
- Fuel Pumps
- Cast Water Flanges
- Sight Glasses
- Handhole/Manhole

Garlock
SEALING TECHNOLOGIES®

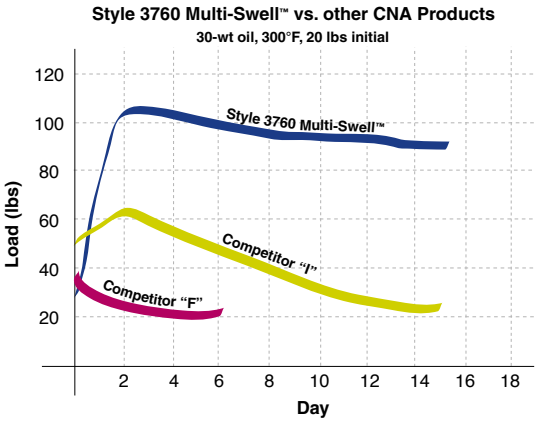
Physical Properties

ASTM Test Method	Typical Physical Properties	Typical Results
F-37B	**Sealability** Milliliters/Hour Leakage, **ASTM Fuel A (isooctane):** Gasket Load, 500 psi (3.5 N/mm^2) Internal Pressure, 9.8 psig (0.7 bar)	 **.15**
	Nitrogen: Gasket Load, 3000 psi (21 N/mm^2) Internal Pressure, 30 psig (2 bar)	**.20**
F-36	**Recovery, %**	**40**
F-36	**Compressibility, % Range**	**15-30**
F-38	**Creep Relaxation, %** 22 hrs. @ 212°F (100°C)	**30**
F-146	**Fluid Resistance After Five Hours Immersion** ASTM #1 Oil @ 300°F (150°C) Thickness Increase, Typ., %: Weight Increase, Typ., %: ASTM IRM #903 Oil @ 300°F (150°C) Thickness Increase, Typ., %: Weight Increase, Typ., %: Dist. H_2O (20-30°C) Thickness Increase, Typ., %:	 **≥15** **30** **75** **85** **40**
F-152	**Tensile Strength (psi)** Across Grain, psi (N/mm^2):	 **1000 (6.9)**
F-1315	**Density,** lbs./ft.^{3} (grams/cm^3)	**85 (1.36)**

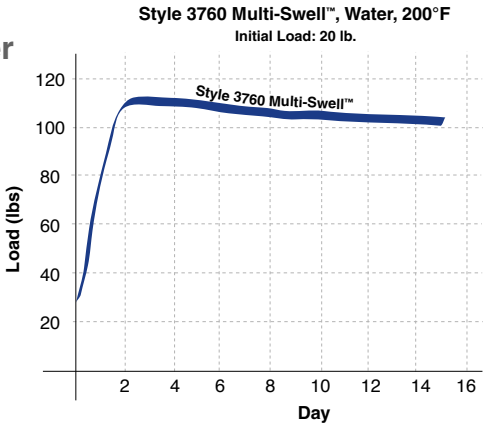
NOTE: This is a general guide and should not be the sole means of selecting or rejecting this material. ASTM test results are in accordance with ASTM F104; properties based on 1/32" (0.8mm) sheet thickness (except as noted).
* P x T = psig x °F (bar x °C)

Load Generation

Oil



Water



AUTHORIZED REPRESENTATIVE

ISO 9001:2000
Cert. #001762

WARNING:
Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.
Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.
While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice.
GARLOCK is a registered trademark for packings, seals, gaskets, and other products of Garlock.
© Garlock Inc 2006. All rights reserved worldwide.

Garlock
SEALING TECHNOLOGIES®

www.garlock.com

Garlock Sealing Technologies
1666 Division Street
Palmyra, New York 14522 USA
1-315-597-4811
1-800-448-6688
Fax: 1-800-543-0598
1-315-597-3173

Garlock Sealing Technologies® is an EnPro Industries company.

Other Garlock facilities are located in:

Columbia, SC, USA
Phone 1.803.783.1880
Fax 1.803.783.4279

Houston, TX, USA
Phone 1.281.459.7200
Fax 1.281.458.0502

Sydney, Australia
Phone 61.2.9793.2511
Fax 61.2.9793.2544

São Paulo, Brazil
Phone 55.11.4127.9935
Fax 55.11.4343.5871

Sherbrooke, Canada
Phone 1.819.563.8080
Fax 1.819-563.5620

W. Yorkshire, England
Phone 44.1422.313600
Fax 44.1422.313601

Saint-Étienne, France
Phone 33.4.7743.5100
Fax 33.4.7743.5151

Neuss, Germany
Phone 49.2131.3490
Fax 49.2131.349.222

Mexico City, Mexico
Phone 52.555.567.7011
Fax 52.555.368.0418

Singapore
Phone 65.6285.9322
Fax 65.6284.5843

Shanghai, China
Phone 86.021.62789702
Fax 86.021.62787826

Dubai, UAE
Phone 971.4.8833652
Fax 971.4.8833682

PRINTED IN U.S.A. GSK 3:69 GPS-3/06