

 **SENTINEL**
PROCESS SYSTEMS, INC.
3265 Sunset Lane, Hatboro, PA 19040
www.sentinelprocess.com
P: 800.345.FLOW F: 888.329.9669

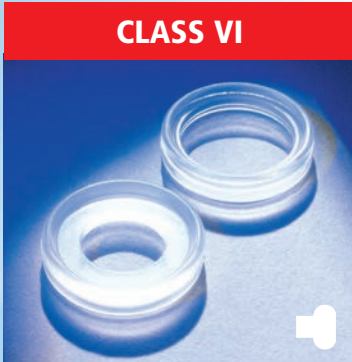
PRODUCT CATALOG



 **NEWMAN**TM **A**₃
SANITARY GASKET COMPANY

PRODUCTS OF INTEGRITY...FROM PEOPLE OF INTEGRITY

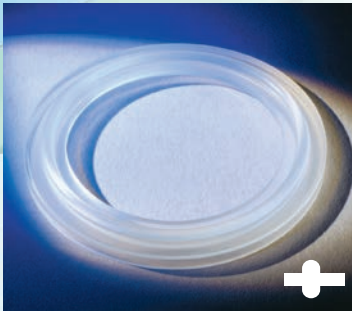
CLASS VI



MINI GASKETS

42RX-E EPDM
 42RX-SFY Viton™
 42RX-SFYETP Viton™
 42RX-SFYGF Viton™
 42RX-PX Silicone Platinum Cured
 42RX-XW White Silicone
 42RX-G Teflon®

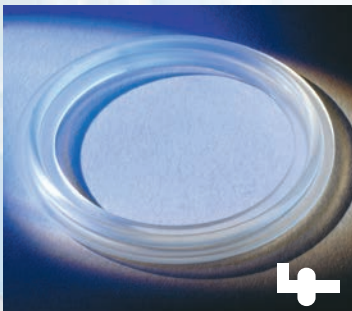
Sizes Available
 1/2" & 3/4"



USP CLASS VI STANDARD GASKETS

40RX-E EPDM
 40RX-SFY Viton™
 40RX-SFYETP Viton™
 40RX-SFYGF Viton™
 40RX-PX Silicone Platinum Cured
 40RX-XW White Silicone
 40RX-G Teflon®

Sizes Available
 1", 1 1/2", 2", 2 1/2",
 3", 4" & 6"



USP CLASS VI FLANGED GASKETS

40RXF-E EPDM
 40RXF-SFY Viton™
 40RXF-SFYETP Viton™
 40RXF-SFYGF Viton™
 40RXF-PX Silicone Platinum Cured
 40RXF-XW White Silicone

Sizes Available
 1", 1 1/2", 2", 2 1/2", 3",
 4", 6", 8", 10" & 12"

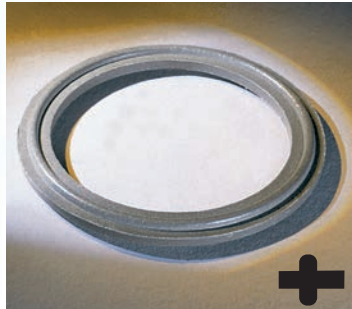
SILVERBACK™



MINI GASKETS

42MP-GST Silverback™
 42RX-GST Silverback™

Sizes Available
 1/2" & 3/4"



STANDARD CLAMP GASKETS

40MP-GST Silverback™
 40RX-GST Silverback™

Sizes Available
 1", 1 1/2", 2",
 2 1/2", 3" & 4"

CLAMP GASKETS

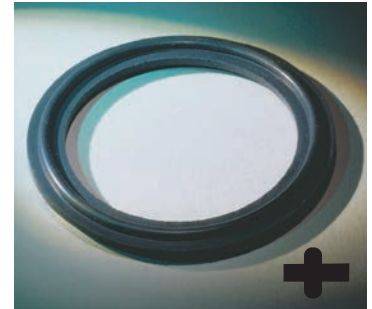


MINI GASKETS

42MP-U Buna-N**
 42MP-SFY Viton™**
 42MP-E EPDM**
 42MP-G Teflon®
 42MP-XW Silicone

Sizes Available
 1/2" & 3/4"

** Also available in white

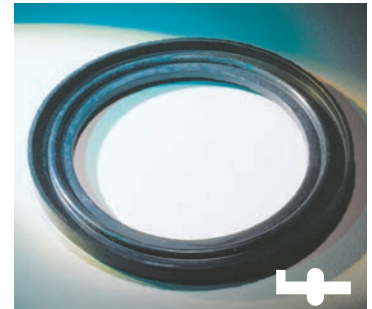


STANDARD CLAMP GASKETS

40MP-U Buna-N**
 40MP-SFY Viton™**
 40MP-E EPDM**
 40MP-G Teflon®
 40MP-XW Silicone

Sizes Available
 1", 1 1/2", 2", 2 1/2",
 3", 4", 5" & 6"

** Also available in white

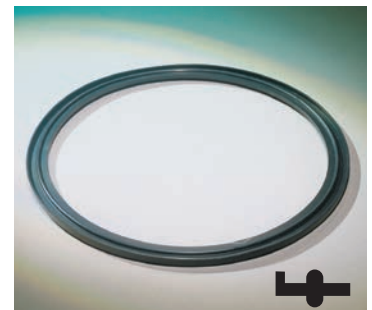


FLANGED CLAMP GASKETS

40MPF-U Buna-N**
 40MPF-SFY Viton™**
 40MPF-E EPDM**
 40MPF-XW Silicone

Sizes Available
 1", 1 1/2", 2",
 2 1/2", 3" & 4"

** Also available in white



FLANGED CLAMP GASKETS

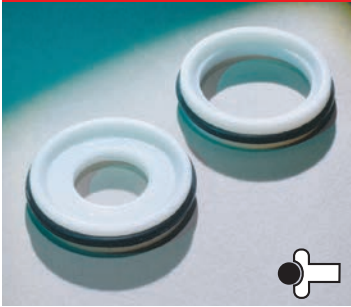
40MOF-U Buna-N**
 40MOF-SFY Viton™**
 40MOF-E EPDM**
 40MOF-XW Silicone

Sizes Available
 6", 8", 10" &
 12"

** Also available in white

www.newmangasket.com

ENVELOPE GASKETS



TEFLON® ENVELOPE MINI CLAMP GASKETS

A42MP-GR
A42RX-GR

Sizes Available
1/2", & 3/4"

Type 3- Teflon® Envelope

EPDM Standard Filler
Fillers also available in Viton™



TEFLON® ENVELOPE CLAMP GASKETS

A40MP-GR
A40RX-GR

Type 3- Teflon® Envelope

EPDM Standard Filler
Fillers also available in Viton™

Sizes Available
1", 1 1/2", 2",
2 1/2", 3", 4", 6",
8", 10" & 12"

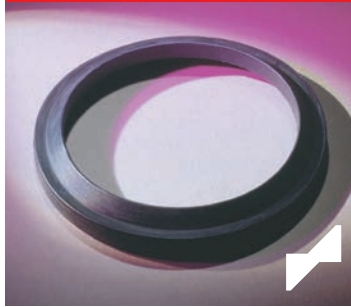
BEVEL SEAT FLAT



40BS-F Buna-N
Flat

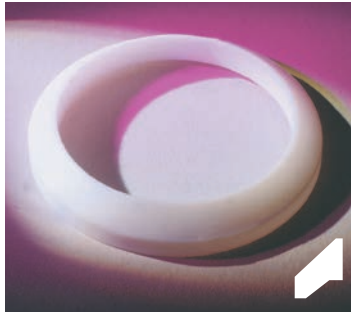
Sizes Available
1", 1 1/2", 2", 2 1/2",
3" & 4"

BEVEL SEAT



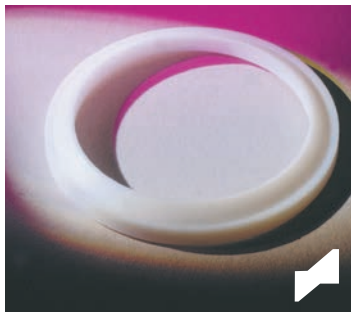
40BS-B Buna-N
Standard 45° C.I.P.
90 Durometer

Sizes Available
1", 1 1/2", 2",
2 1/2", 3" & 4"



40BS-S Teflon®
Standard 45°
40BS-H Teflon®
Heavy Duty 45°

Sizes Available
1", 1 1/2", 2",
2 1/2", 3" & 4"



Style 154
DH Teflon®
Standard Thickness

Style 156
DHR Teflon®
Heavy Thickness

Sizes Available
1", 1 1/2", 2",
2 1/2", 3" & 4"



40BS-O Buna-N

Standard 45° C.I.P.
90 Durometer

Also available in EPDM, Viton™ & Silicone.

Sizes Available
1 1/2", 2", 2 1/2",
3" & 4"

JOHN PERRY



40JP-U Buna-N
40JP-E EPDM
40JP-X Silicone
40JP-SFY Viton™
40JP-G Teflon®

Sizes Available
1", 1 1/2", 2",
2 1/2", 3" & 4"

DIN GASKETS



DIN style #32676

Available
in EPDM,
Silicone &
Viton™

DIN	Tube Sizes	OD/Flange
DIN 10	12 x 1 mm	34 mm
DIN 15	19 x 1.5 mm	34 mm
DIN 20	23 x 1.5 mm	34 mm
DIN 25	29 x 1.5 mm	50.5 mm
DIN 32	35 x 1.5 mm	50.5 mm
DIN 40	41 x 1.5 mm	50.5 mm
DIN 50	53 x 1.5 mm	64 mm
DIN 65	70 x 2 mm	91 mm
DIN 80	85 x 2 mm	106 mm
DIN 100	104 x 2 mm	119 mm

ISO GASKETS



ISO style #2852

Available
in EPDM,
Silicone,
Viton™,
and
Teflon®

ISO	Tube Sizes	OD/Flange
ISO 8	13.5 x 1.6 mm	25.5 mm
ISO 10	17.2 x 1.6 mm	25.4 mm
ISO 15A	21.3 x 1.6 mm	50.5 mm
ISO 15B	21.3 x 1.6 mm	34 mm
ISO 20	26.9 x 1.6 mm	50.5 mm
ISO 25	33.7 x 2 mm	50.5 mm
ISO 32A	42.4 x 2 mm	64 mm
ISO 32B	42.4 x 2 mm	50.5 mm
ISO 40	48.3 x 2 mm	64 mm
ISO 50	60.3 x 2 mm	77.5 mm
ISO 65	76.1 x 2 mm	91 mm
ISO 80	88.9 x 2 mm	106 mm
ISO 100	114.3 x 2 mm	130 mm



KALREZ®

#6230

Black **Size**

660105	1/2"
660205	3/4"
660305	1"
660405	1 1/2"
660505	2"
660605	2 1/2"
660705	3"
660805	4"

Available in the U.S. only.

Kalrez® is a registered trademark of DuPont or its affiliates

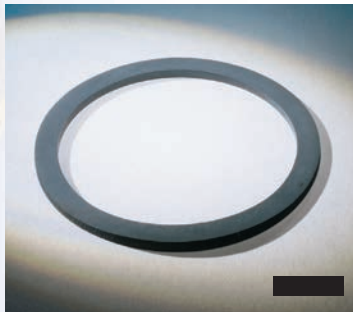


Q-LINE & I-LINE

Q-LINE GASKETS

- 40QH Buna-N
- 40QT Teflon®
- 40QS Silicone
- 40QE EPDM
- 40QSFY Viton™

Sizes Available
1", 1 1/2", 2",
2 1/2", 3" & 4"



I-LINE GASKETS

- 40IH Buna-N
- 40IT Teflon®
- 40IV Viton™
- 40IE EPDM
- 40IX Silicone

Sizes Available
1", 1 1/2", 2",
2 1/2", 3", 4"
& 6"



SCHEDULE 5 I-LINE

- 40IT5 Teflon®
- 40IH5 Buna-N
- 40IV5 Viton™
- 40IE5 EPDM
- 40IX5 Silicone

Sizes Available
1", 1 1/2", 2",
2 1/2", 3", 4"
& 6"



SCHEDULE 5 GASKETS

SCHEDULE 5 FLANGED

- 40MV-FU Buna-N
- 40MV-SFY Viton™
- 40MV-E EPDM
- 40MV-X Silicone

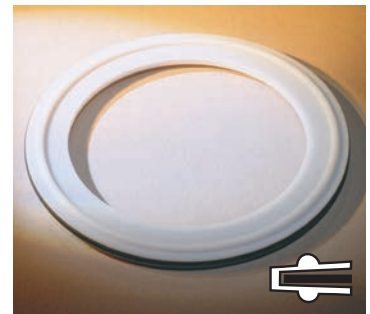
Sizes Available
6", 8", 10" &
12"



SCHEDULE 5 STANDARD

- 40MV-U Buna-N
- 40MV-SFY Viton™
- 40MV-E EPDM
- 40MV-G Teflon®
- 40MV-X Silicone

Sizes Available
1", 1 1/2", 2",
2 1/2", 3" & 4"

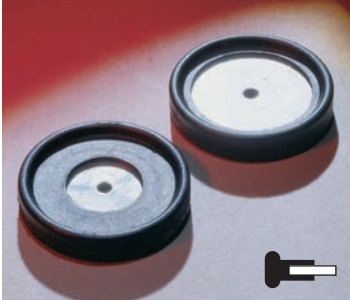


SCHEDULE 5 TEFLON® ENVELOPE

- A40MV-GR
- EPDM standard filler
- Available in Viton™

Sizes Available
1", 1 1/2", 2",
2 1/2", 3", 4"
& 6"

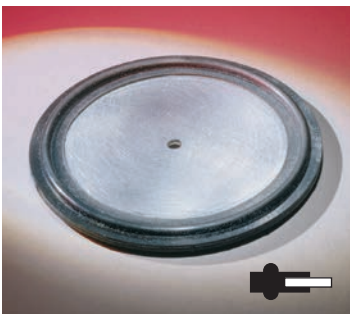
ORIFICE PLATES



MINI ORIFICE PLATES of 316L Stainless Steel

A84MP-U Buna-N
A84MP-E EPDM
A84MP-X Silicone
A84MP-SFY Viton™
A84MP-G Teflon® Solid

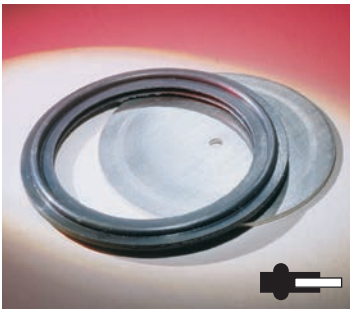
Sizes Available
1/2", 3/4"



ORIFICE PLATES of 316 Stainless Steel

A80MP-U Buna-N
A80MP-E EPDM
A80MP-X Silicone
A80MP-SFY Viton™

Sizes Available
1", 1 1/2", 2",
2 1/2", 3", 4"
& 6"



REMOVABLE ORIFICE PLATES

A80MP-U Buna-N
A80MP-E EPDM
A80MP-X Silicone
A80MP-SFY Viton™

Sizes Available
1/2", 3/4", 1",
1 1/2", 2", 2 1/2",
3", 4" & 6"



SOLID ORIFICE PLATES

A40MP-UB Buna-N
A40MP-EB EPDM
A40MP-XB Silicone
A40MP-SFYB Viton®
A80MP-G Teflon®

Sizes Available
3/4", 1", 1 1/2",
2", 2 1/2", 3",
4" & 6"

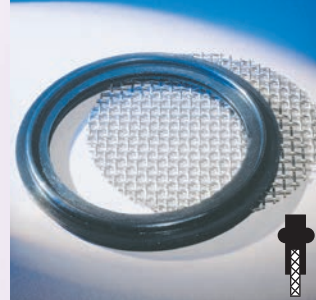
SCREEN GASKETS



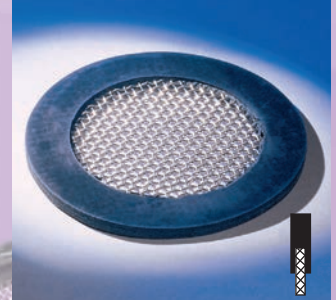
40MP-US

Type 316 Stainless Steel, .023 Dia. Wire. Width of opening .075 inches between wires—
O/A 56.8% 100 openings per square inches.

Available in EPDM, Viton™ & Silicone.
Available in Flat & Bevel Seat Styles – Bonded only



Sizes Available
1", 1 1/2", 2",
2 1/2", 3", 4" & 6"



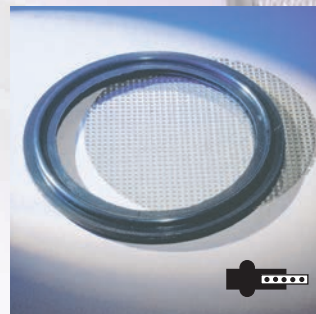
40BS-US (Bevel Seat style)



40MP-UP

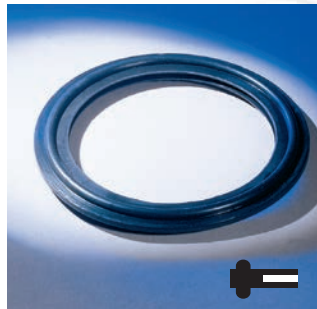
Type 316 Stainless Steel, .033 Dia. / Straight Line Centers,
324 Holes PSI/28% O/A—
Other size perforated disc are available.

Available in EPDM, Viton™ & Silicone.



40MP-UP Removable

Sizes Available
1 1/2", 2",
2 1/2", 3", 4" & 6"



Slit ID Gaskets

These Slit ID gaskets can be used with the removable orifice plates, screen gaskets or perforated disk gaskets.

40MP-USID Buna-N

40MP-ESID EPDM

40MP-XSID Silicone

40MP-SFYSID Viton™

Sizes Available
1/2", 3/4", 1 1/2",
2", 2 1/2", 3",
4" & 6"



SOCK SCREEN GASKET

Buna-N, EPDM, Viton® and Silicone
Compound Bonded to 316
Stainless Steel #16 Mesh

Available in bevel seat and clamp styles

Sizes Available
1 1/2", 2", 2 1/2",
3" & 4"

BODY GASKETS



BODY GASKETS for Automatic Air Valves

0-17-62
with 316 Stainless
Steel inserts

Sizes Available
1 1/2", 2", 2 1/2", 3",
3 1/2", 4" & 4 1/2"

Some sizes available in solid rubber.

TANK GASKETS



MANHOLE GASKETS for most tanks, single and double flanged styles

Double Flanged
Single Flanged
Universal
Vertical

41186-B
402-6229
964-222
932-398

Custom molded sizes available.

EXTRUSIONS



EXTRUSIONS

Newman's extrusion capabilities are available in straight lengths or in bonded shapes to form an endless component. Newman can extrude a custom profile of any size from two feet to 50 feet in length of Buna-N, Viton™, Silicone or EPDM.

RELIEF VALVE

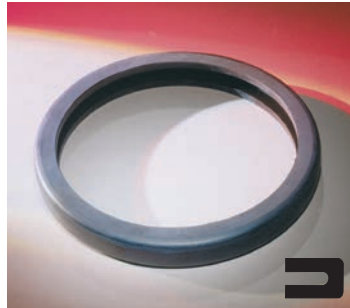


PRESSURE RELIEF VALVE

17-188 Buna-N
with 316 Stainless
Steel insert

Sizes Available
1 1/2"

1 1/2" Pressure Relief Valve fits a 2" clamp fitting



SIGHT GLASS GASKETS (for the following size glass)

10122-B
4011000
B18757A

Sizes Available
4" x 1/4"
4 1/2" x 1/4"
7 1/2" x 1/4"

PIPE HANGERS



PIPE HANGER SLEEVES

Made of heat resistant polypropylene, featuring a unique "living" hinge design that provides superior performance... wraps around piping in seconds. Available in 1/2" thru 4" sizes.

DC-40 GASKET



DC-40 GASKET

DC-40 Buna-N

Sizes Available
1", 1 1/2", 2",
2 1/2", & 3"

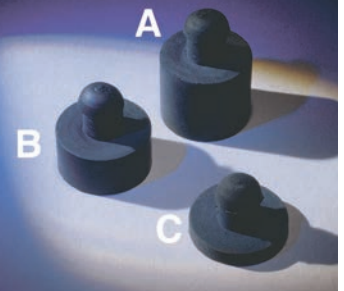
ACRYLIC SIGHT GLASS



ACRYLIC SIGHT GLASS

0-16AMP SG
0-16AI-141 SG
0-16A SG
0-16AQ SG

Sizes Available
1 1/2", 2", 2 1/2",
3" & 4"

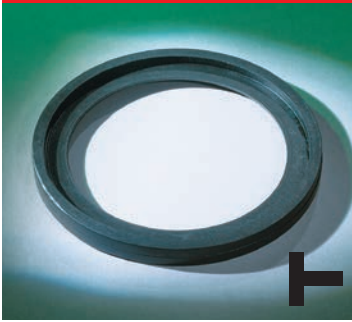


PIPELINE HANGER INSERT

0-A24FCF

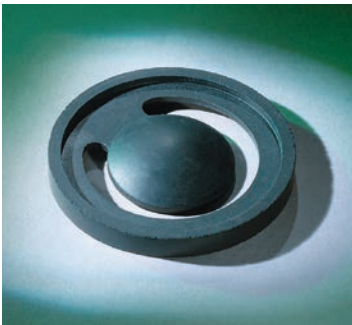
Sizes Available
A 1-08 5/8"
B 1 1/2-08 3/8"
C 2-08 1/8"

Dairy Farmer Gaskets



GASKETS FOR SURGE FITTINGS

40MP-S Buna-N | Sizes Available
40MP-GS Teflon® | 1½" & 2"



GASKETS FOR SURGE FITTINGS

40MP-SFL Buna-N Flapper 1½"



GASKETS FOR GLASS PIPE

40MP-GP Buna-N | Sizes Available
| 1½" & 2"



A.P.C. GASKETS

A.P.C. GASKETS

101 H Buna-N | Sizes Available
Gray | 1", 1½", 2",
101 HX Buna-N | 2½", 3", 4",
Black | & 5"

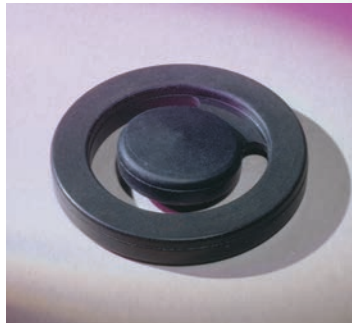
Also available in Viton®, Silicone,
EPDM, Teflon®

CLAMP FLAPPER



STANDARD CLAMP FLAPPER

40MP-FL Buna-N | Sizes Available
| 1½" & 2"



DE LAVAL CLAMP FLAPPER

40MP-DFL Buna-N | Sizes Available
| 1½"

CASING GASKETS



FOR CENTRIFUGAL PUMPS

SP-214 | Sizes Available
SP-216 | 4", 6", & 8"
SP-318

Available in Buna-N and Viton™

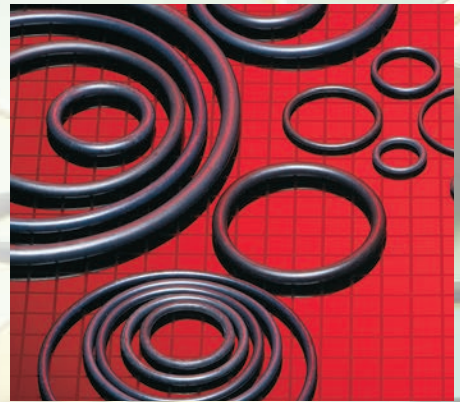
O-RINGS



FOR POPULAR CENTRIFUGAL AND POSITIVE DISPLACEMENT PUMPS AND EQUIPMENT

Buna-N, EPDM, Viton™, Silicone
Packed in units of 25 – All Standard Sizes

A large variety of standard FDA compliant O-Rings are also in stock.



FOR WAUKESHA PUMPS

Buna-N and Viton™
Available for Standard and Universal Pumps
All Standard Sizes



CLASS VI "O" RING KITS FOR GLATT NOZZLES

EPDM and Viton™
Each 10 piece kit is identified with a batch number and cure date

KALREZ® O-RINGS FDA AND CLASS VI COMPLIANT

Kalrez® O-Rings are available in most standard sizes
and selected metric sizes in both black (#6230) and
white (#6221) compounds.
Available in the U.S. only.

PERFORMANCE PROPERTIES

	FDA			FDA and USP Class VI Compliant						
	Nitrile (Buna-N)	Ethylene-Propylene (EPDM)	Silicone	Fluoroelastomer (Viton™ A) 401C	Fluoroelastomer (Viton™ GF) 600S	Fluoroelastomer (Viton™ ETP) 600S	Teflon®	Silverback™	Kalrez® 8230 & 6221	Kalrez® LS390
Tensile Strength	Good	Good-Excellent	Good	Good-Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ozone Resistance	Poor	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Heat Resistance	Good (225°F) (107°C)	Excellent (275°F) (135°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (500°F) (260°C)	Excellent (428°F) (220°C)
Cold Resistance	Good (-40°F) (-40°C)	Good-Excellent (-55°F) (-48°C)	Excellent (-80°F) (-62°C)	Good (-2°F) (-18°C)	Good (18°F) (-8°C)	Good (10°F) (-12°C)	Excellent (-110°F) (-79°C)	Good (-20°F) (-28°C)	N/A	N/A
Steam Resistance	Good	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Tear Resistance	Good	Good	Good	Good	Good	Good	Excellent	Excellent	Good	Good
Abrasion Resistance	Good	Good-Excellent	Good-Excellent	Good	Excellent	Excellent	Excellent	Excellent	Good	Good
Acid Resistance	Poor-Good	Good-Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Base Resistance	Good	Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Petroleum Oil Resistance	Excellent	Poor	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Flame Resistance	Poor	Poor	Poor	Good	Good	Good	Excellent	Excellent	Excellent	Excellent
Vegetable Oil Resistance	Excellent	Good (most)	Good (intermittent)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3-A Compliant	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	No

Buna-N is not recommended for use with CIP Sanitizing Agent OXONIA; use EPDM or Silicone.
 EPDM or Viton™ is recommended for ozone treated water.

All of the above compounds used in our production meet the criteria set forth by the FDA.



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