

**SERVICE Rubber Group, Inc**

740 F Avenue

Plano, Texas 75074

TOLL FREE: 800-292-2606

Phone: 972-881-2606

Fax: 972-881-2605

**Note: | < < CLICK > > | @ VERY BOTTOM FOR EACH POLYMER'S PROPERTIES**

| BASIC CHARACTERISTICS               | EPDM           | NEOPRENE          | SBR          | BUNA-N            | SILICONE       | NATURAL RUBBER | VITON®          |
|-------------------------------------|----------------|-------------------|--------------|-------------------|----------------|----------------|-----------------|
| Durometer Range (Shore A)_____      | 30 - 90        | 20 - 95           | 30 - 100     | 20 - 95           | 30 - 90        | 20 - 100       | 60 - 90         |
| Tensile Range (P.S.I.)_____         | 500 - 2500     | 500 - 3000        | 500 - 3000   | 200 - 3000        | 200 - 1500     | 500 - 3500     | 500 - 2000      |
| Elongation (Max %)_____             | 600            | 600               | 600          | 600               | 700            | 700            | 300             |
| Compression Set_____                | Good           | Good              | Good         | Good              | Good           | Excellent      | Excellent       |
| Resilience - Rebound_____           | Good           | Excellent         | Good         | Good              | Good           | Excellent      | Fair            |
| Abrasion - Resistance_____          | Good           | Excellent         | Excellent    | Excellent         | Fair to Poor   | Excellent      | Good            |
| Tear Resistance_____                | Fair           | Good              | Fair         | Good              | Poor           | Excellent      | Good            |
| Solvent Resistance_____             | Poor           | Fair              | Poor         | Good to Excellent | Poor           | Poor           | Excellent       |
| Oil Resistance_____                 | Poor           | Fair              | Poor         | Good to Excellent | Fair to Poor   | Poor           | Excellent       |
| Low Temperature Usage (F deg)_____  | (-20° to -60°) | (+10° to -50°)    | (0° to -50°) | (+30° to -40°)    | (-60° to 150°) | (-20° to -60°) | (0° to -10 deg) |
| High Temperature Usage (F deg)_____ | to +350°       | to +225°          | to +225°     | to +250°          | to +450°       | to +175°       | +400° to +600°  |
| Aging Weather - Sunlight_____       | Excellent      | Good              | Poor         | Poor              | Excellent      | Poor           | Excellent       |
| Adhesion to Metals_____             | Fair to Good   | Good to Excellent | Excellent    | Good to Excellent | Good           | Excellent      | Good            |

  

| At SERVICE Rubber Group we:<br>MOLD, EXTRUDE and FABRICATE<br>Rubber, Polyurethane and<br>Thermoplastics<br><br><u>Industries SRG supplies:</u><br><br>* Medical<br>* Agriculture<br>* Physical Fitness<br>* Military<br>* High Speed Mail Handling<br>* Automotive: (parts on)<br>* Mitsubishi / Acura / Mercedes | EPDM                                                                                                                                                                                  | NEOPRENE                                                                                                                            | SBR                                                                                                                                       | BUNA-N                                                                                                                        | SILICONE                                                                                                     | NATURAL RUBBER                                                                                                                                                         | VITON®                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                    | Ethylene Propylene<br>Diene Monomer                                                                                                                                                   | Polychloroprene                                                                                                                     | Styrene Butadiene                                                                                                                         | Butadiene Acrylonitrile                                                                                                       | Polysiloxane                                                                                                 | Polyisoprene                                                                                                                                                           | Fluoro Elastomer                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                    | weather seals<br>door window seal<br>trunk seals<br>face Seal of Industrial<br>Respirators<br>solar heat collector for<br>swimming pool<br>solar water heating sys.<br>EPT Terpolymer | Wetsuits<br>Laptop Sleeves<br>Orthopedic braces<br>(wrist, knee, etc)<br>Electrical Insulation<br>Car Fan belts<br>Gaskets<br>Hoses | Car Tires<br>(blend w/natural rubber)<br>Shoe heels and soles<br>Gaskets<br>Chewing gum<br>garden hose washers<br><br>can use non marking | automotive transmission<br>belts<br>hoses<br>oil seals<br>V belts<br>synthetic leather<br>printer's roller<br>cable jacketing | cookware<br>medical applications<br>sealants<br>adhesives<br>lubricants<br>insulation<br>create rubber molds | door and window profiles<br>hoses<br>belts<br>matting<br>flooring<br>dampeners(anti-vibra mounts)<br>Gloves (medical, household<br>and industrial<br>used in adhesives | seals, hoses, o-rings<br>shaft seals<br>expansion joints and<br>gaskets<br>automotive<br>appliance<br>chemical and fluid<br>power industries |
|                                                                                                                                                                                                                                                                                                                    | AGING WEATHER-SUN<br>STEAM                                                                                                                                                            | FLAME RESISTANT<br>REBOUND                                                                                                          | LOW COST NON OIL<br>ABRASION-REBOUND                                                                                                      | ABRASION RESISTANT<br>SOLVENT-OIL RESIST                                                                                      | HEAT RESISTANT                                                                                               | ABRASION-TEAR RESISTANT<br>REBOUND                                                                                                                                     | HEAT RESISTANT<br>SOLVENT-OIL RESIST                                                                                                         |
|                                                                                                                                                                                                                                                                                                                    | NO FOOD APPS.<br>CHEM-OIL, SOLVENT                                                                                                                                                    | NO ACIDS                                                                                                                            | NO OILS, GREASES<br>ACIDS-OZONE                                                                                                           | NO SOLVENTS                                                                                                                   | NO OILS, SOLVENTS<br>ACIDS-TEAR                                                                              | NO OILS, SOLVENTS<br>ACIDS                                                                                                                                             | NO KETONES<br>ESTERS AND NITROS                                                                                                              |

## EPDM

Common Name \_\_\_\_\_ EPDM, EPT, EPR  
ASTM D-2000 Classification \_\_\_\_\_ CA  
Military (MIL-STD 417) \_\_\_\_\_ RS  
Chemical Definition \_\_\_\_\_ Ethylene Propylene

### BASIC CHARACTERISTICS

Durometer Range (Shore A) \_\_\_\_\_ 30 - 90  
Tensile Range (P.S.I.) \_\_\_\_\_ 500 - 2500  
Elongation (Max %) \_\_\_\_\_ 600  
Compression Set \_\_\_\_\_ Good  
Resilience - Rebound \_\_\_\_\_ Good  
Abrasion - Resistance \_\_\_\_\_ Good  
Tear Resistance \_\_\_\_\_ Fair  
Solvent Resistance \_\_\_\_\_ Poor  
Oil Resistance \_\_\_\_\_ Poor  
Low Temperature Usage (F deg) \_\_\_\_\_ (-20° to -60°)  
High Temperature Usage (F deg) \_\_\_\_\_ to +350°  
Aging Weather - Sunlight \_\_\_\_\_ Excellent  
Adhesion to Metals \_\_\_\_\_ Fair to Good

### ENGINEERING COMMENT:

EPR is an extraordinary polymer used in a wide range of applications. Outstanding heat, ozone and weather resistance. The resistance to polar substances and steam are also good. Compatible with fireproof hydraulic fluids, ketones, hot and cold water and alkalis. EPDM is especially used in cooling system circuit hoses in an automobile. Ethylene Propylene is a polymer where oil and solvent resistance is poor, however, it is fairly good in ketones and alcohols. It is not recommended for food applications or exposure to aromatic hydrocarbons.

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### **Applications**

Ethylene Propylene

- \* weather seals
- \* door window seal
- \* trunk seals
- \* face seal of industrial respirators
- \* solar heat collector for swimming pools.
- \* solar water heating systems
- \* coating for electric wire
- \* vapor rubber hose
- \* conveyor belt

#### **Automotive:**

Weather Seals----Door, Window, Trunk Seals

#### **Military Vehicles:**

Weather Seals----Door, Window, Trunk Seals

#### **Solar Pool Panels:**

Solar Heat Collector for Swimming Pool Solar Water Heating System

#### **Roofing:**

Used as a Covering to Water Proof Roofs

## NEOPRENE

Common Name \_\_\_\_\_ Neoprene  
ASTM D-2000 Classification \_\_\_\_\_ BC, BE  
Military (MIL-STD 417) \_\_\_\_\_ SC  
Chemical Definition \_\_\_\_\_ Polychloroprene

### BASIC CHARACTERISTICS

Durometer Range (Shore A) \_\_\_\_\_ 20 -95  
Tensile Range (P.S.I.) \_\_\_\_\_ 500 - 3000  
Elongation (Max %) \_\_\_\_\_ 600  
Compression Set \_\_\_\_\_ Good  
Resilience - Rebound \_\_\_\_\_ Excellent  
Abrasion - Resistance \_\_\_\_\_ Excellent  
Tear Resistance \_\_\_\_\_ Good  
Solvent Resistance \_\_\_\_\_ Fair  
Oil Resistance \_\_\_\_\_ Fair  
Low Temperature Usage (F deg) \_\_\_\_\_ (-10° to -50°)  
High Temperature Usage (F deg) \_\_\_\_\_ to +250°  
Aging Weather - Sunlight \_\_\_\_\_ Good  
Adhesion to Metals \_\_\_\_\_ Good to Excellent

### ENGINEERING COMMENT:

Neoprene's chemical inertness makes it well suited for a wide variety of industrial applications. It is flame resistant and self-extinguishing. Excellent resilience, rebound with low compression set. Not affected by animal and vegetable oils, fats and greases. Very good adhesion to metals. Special compounding for vibration isolation mounts. Weather and sunlight resistance is good. Some people are allergic to neoprene while others can get dermatitis from thiourea, a compound used to vulcanize rubber into neoprene.

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### Applications

Polychloroprene

- \* iPod® holders
- \* laptop sleeves
- \* orthopedic braces (wrist, knee, etc)
- \* sports and defense training knives and swords
- \* car fan belts
- \* gaskets
- \* hoses
- \* wetsuits
- \* fly fishing waders
- \* guitar grommets
- \* musical drum practice pads

## SBR

Common Name \_\_\_\_\_ SBR, GRS  
ASTM D-2000 Classification \_\_\_\_\_ AA, BA  
Military (MIL-STD 417) \_\_\_\_\_ RS  
Chemical Definition \_\_\_\_\_ Styrene Butadiene

### BASIC CHARACTERISTICS

Durometer Range (Shore A) \_\_\_\_\_ 30 - 100  
Tensile Range (P.S.I.) \_\_\_\_\_ 500 - 3000  
Elongation (Max %) \_\_\_\_\_ 600  
Compression Set \_\_\_\_\_ Good  
Resilience - Rebound \_\_\_\_\_ Good

**Abrasion - Resistance \_\_\_\_\_ Excellent**

Tear Resistance \_\_\_\_\_ Fair  
Solvent Resistance \_\_\_\_\_ Poor  
Oil Resistance \_\_\_\_\_ Poor  
Low Temperature Usage (F deg) \_\_\_\_\_ (0° to -50°)  
High Temperature Usage (F deg) \_\_\_\_\_ to +225°  
Aging Weather - Sunlight \_\_\_\_\_ Poor

**Adhesion to Metals \_\_\_\_\_ Excellent**

### ENGINEERING COMMENT:

SBR is a basic cost effective synthetic copolymer used in a variety of military, industrial, and commercial applications. It is one of the most versatile rubber compounds in the world today. Excellent impact strength. Good abrasion resistance and good aging stability when protected by additives.  
Not suited for use with fuels, solvents, oils, or hydraulic fluids.

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### Applications

Styrene Butadiene

- \* car tires (blended with natural rubber)
- \* shoe heels and soles
- \* gaskets
- \* chewing gum
- \* garden hose washers
- \* adhesive plaster
- \* sporting goods
- \* mattress
- \* battery cell case
- \* adhesive tape

**FOR: QUICK REF - EPDM - NEOPRENE - SBR - BUNA-N - SILICONE - NATURAL RUBBER - VITON®**

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| BUNA-N                                                                                                                                                                                                                                                                                                                                                                     |  | SERVICE Rubber Group, Inc.                                                                                                                                                                                                                                                                           |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Common Name _____ Buna-N, Nitrile, NBR                                                                                                                                                                                                                                                                                                                                     |  | 740 F Avenue<br>Plano, Texas, 75074<br>TOLL FREE: 800-292-2606<br>Phone: 972-881-2606<br>Fax: 972-881-2605                                                                                                                                                                                           |  |
| ASTM D-2000 Classification _____ SB                                                                                                                                                                                                                                                                                                                                        |  | <u>Applications</u><br><br>Nitrile Rubber, or Buna-N<br><br>* automotive transmission<br>* belts<br>* hoses<br>* oil seals<br>* V belts<br>* synthetic leather<br>* printer's roller<br>* cable jacketing<br>* oil-resistant rubber hose<br>* printing roller<br>* spinning and weaving belt rollers |  |
| Military (MIL-STD 417) _____ SB                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                      |  |
| Chemical Definition _____ Butadiene Acrylonitrile                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                      |  |
| <b>BASIC CHARACTERISTICS</b>                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                      |  |
| Durometer Range (Shore A) _____ 20 - 95                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                      |  |
| Tensile Range (P.S.I.) _____ 200 - 3000                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                      |  |
| Elongation (Max %) _____ 600                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                      |  |
| Compression Set _____ Good                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                      |  |
| Resilience - Rebound _____ Good                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                      |  |
| <b>Abrasion - Resistance _____ Excellent</b>                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                      |  |
| Tear Resistance _____ Good                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                      |  |
| <b>Solvent Resistance _____ Good to Excellent</b>                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                      |  |
| <b>Oil Resistance _____ Good to Excellent</b>                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                      |  |
| Low Temperature Usage (F deg) _____ (-30° to -40°)                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                      |  |
| High Temperature Usage (F deg) _____ to +250°                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                      |  |
| Aging Weather - Sunlight _____ Poor                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                      |  |
| Adhesion to Metals _____ Good to Excellent                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                      |  |
| <b>ENGINEERING COMMENT:</b>                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                      |  |
| Buna-N, Nitrile is a superior oil and gas resistant synthetic polymer. Used in the aeronautical, petroleum, and automotive industries for fuel, oil, and solvent handling seals, hoses and equipment. Buna-N should not be used in low threshold limit value (TLV) solvents such as acetone, ozone, nitro hydrocarbons, Methyl Ethyl Ketone, and chlorinated hydrocarbons. |  |                                                                                                                                                                                                                                                                                                      |  |

**FOR: QUICK REF - EPDM - NEOPRENE - SBR - BUNA-N - SILICONE - NATURAL RUBBER - VITON®**

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## SILICONE

Common Name \_\_\_\_\_ Silicone  
ASTM D-2000 Classification \_\_\_\_\_ FC, FE, GE  
Military (MIL-STD 417) \_\_\_\_\_ TA  
Chemical Definition \_\_\_\_\_ Polysiloxane

### BASIC CHARACTERISTICS

Durometer Range (Shore A) \_\_\_\_\_ 30 - 90  
Tensile Range (P.S.I.) \_\_\_\_\_ 200 - 1500  
Elongation (Max %) \_\_\_\_\_ 700  
Compression Set \_\_\_\_\_ Good  
Resilience - Rebound \_\_\_\_\_ Good  
Abrasion - Resistance \_\_\_\_\_ Fair to Poor  
Tear Resistance \_\_\_\_\_ Poor  
Solvent Resistance \_\_\_\_\_ Poor  
Oil Resistance \_\_\_\_\_ Fair to Poor

Low Temperature Usage (F deg) \_\_\_\_\_ (-60° to -150°)

High Temperature Usage (F deg) \_\_\_\_\_ to +450°

Aging Weather - Sunlight \_\_\_\_\_ Excellent

Adhesion to Metals \_\_\_\_\_ Good

### ENGINEERING COMMENT:

Silicone Rubbers are widely used in industry. Generally non-reactive, inert, stable, and resistant to extreme environment and temperatures from -150°F to +450°F. Highly resistant to oxidation, ozone, weather and sunlight. From automotive applications to a large variety of cooking, baking, and food storage products. Due to its inertness, used on many medical and cookware devices. Silicone is generally attacked by most concentrated solvents, oils, concentrated acids and dilute sodium hydroxide.

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### Applications

Polysiloxane

- \* cookware
- \* medical applications
- \* sealants
- \* adhesives
- \* lubricants
- \* insulation
- \* create rubber molds
- \* food storage
- \* medical implants
- \* electronics
- \* apparel sportswear

**FOR: QUICK REF - EPDM - NEOPRENE - SBR - BUNA-N - SILICONE - NATURAL RUBBER - VITON®**

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| NATURAL RUBBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <i><b>SERVICE Rubber Group, Inc.</b></i>                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Common Name _____ Natural Rubber<br>ASTM D-2000 Classification _____ AA<br>Military (MIL-STD 417) _____ RN<br>Chemical Definition _____ Polyisoprene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 740 F Avenue<br>Plano, Texas, 75074<br><b>TOLL FREE: 800-292-2606</b><br>Phone: 972-881-2606<br>Fax: 972-881-2605                                                                                                                                                                                                 |
| <div data-bbox="160 380 480 409"><b>BASIC CHARACTERISTICS</b></div> Durometer Range (Shore A) _____ 20 - 100<br>Tensile Range (P.S.I.) _____ 500 - 3500<br>Elongation (Max %) _____ 700<br><div data-bbox="160 495 797 611"> Compression Set _____ Excellent<br/> Resilience - Rebound _____ Excellent<br/> Abrasion - Resistance _____ Excellent<br/> Tear Resistance _____ Excellent </div> Solvent Resistance _____ Poor<br>Oil Resistance _____ Poor<br>Low Temperature Usage (F deg) _____ (-20° to -60°)<br>High Temperature Usage (F deg) _____ to +175°<br>Aging Weather - Sunlight _____ Poor<br><div data-bbox="160 751 797 783"> Adhesion to Metals _____ Excellent </div> | <div data-bbox="1052 380 1214 409"><b><u>Applications</u></b></div> Polyisoprene<br><br>* door and window profiles<br>* hoses<br>* belts<br>* matting<br>* flooring<br>* dampeners (anti-vibration mounts)<br>* gloves (medical, household and industrial)<br>* used in adhesives<br>* vehicle and airplane tires |
| <div data-bbox="160 789 480 814"><b>ENGINEERING COMMENT:</b></div> <p>Natural Rubber is used extensively in many applications and products. It is very stretchy and flexible, has a high coefficient of friction and is extremely waterproof. An elastic hydrocarbon polymer that was originally derived from latex; it has good compression set, food-roll behavior and great molding and extruding properties. Natural Rubber is not recommended for oil and solvent resistance. Also, sunlight and ozone attacks it.</p>                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                   |

**FOR: QUICK REF - EPDM - NEOPRENE - SBR - BUNA-N - SILICONE - NATURAL RUBBER - VITON®**

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| VITON® FLUORO-ELASTOMER                                                                                                                                                                                                                                                                                           |                               | <i>SERVICE Rubber Group, Inc.</i>                                                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Common Name                                                                                                                                                                                                                                                                                                       | Viton®, Fluoro-Elastomer, FKM | 740 F Avenue<br>Plano, Texas, 75074<br>TOLL FREE: 800-292-2606<br>Phone: 972-881-2606<br>Fax: 972-881-2605                                                                                                         |  |
| ASTM D-2000 Classification                                                                                                                                                                                                                                                                                        | HK                            |                                                                                                                                                                                                                    |  |
| Military (MIL-STD 417)                                                                                                                                                                                                                                                                                            | MIL-R-25897 and MIL-R-83248   |                                                                                                                                                                                                                    |  |
| Chemical Definition                                                                                                                                                                                                                                                                                               | Fluorinated Hydrocarbon       |                                                                                                                                                                                                                    |  |
| <b>BASIC CHARACTERISTICS</b>                                                                                                                                                                                                                                                                                      |                               | <b><u>Applications</u></b>                                                                                                                                                                                         |  |
| Durometer Range (Shore A)                                                                                                                                                                                                                                                                                         | 55 - 90                       | Viton®, Fluoro-Elastomer, FKM                                                                                                                                                                                      |  |
| Tensile Range (P.S.I.)                                                                                                                                                                                                                                                                                            | 500 - 2000                    | <ul style="list-style-type: none"> <li>* seals, hoses, o-rings</li> <li>* shaft seals</li> <li>* expansion joints and gaskets</li> <li>* auto, appliance</li> <li>* chemical and fluid power industries</li> </ul> |  |
| Elongation (Max %)                                                                                                                                                                                                                                                                                                | 300                           |                                                                                                                                                                                                                    |  |
| Compression Set                                                                                                                                                                                                                                                                                                   | Excellent                     |                                                                                                                                                                                                                    |  |
| Resilience - Rebound                                                                                                                                                                                                                                                                                              | Fair                          |                                                                                                                                                                                                                    |  |
| Abrasion - Resistance                                                                                                                                                                                                                                                                                             | Good                          |                                                                                                                                                                                                                    |  |
| Tear Resistance                                                                                                                                                                                                                                                                                                   | Good                          |                                                                                                                                                                                                                    |  |
| Solvent Resistance                                                                                                                                                                                                                                                                                                | Excellent                     |                                                                                                                                                                                                                    |  |
| Oil Resistance                                                                                                                                                                                                                                                                                                    | Excellent                     |                                                                                                                                                                                                                    |  |
| Low Temperature Usage (F deg)                                                                                                                                                                                                                                                                                     | (0° to -10°)                  |                                                                                                                                                                                                                    |  |
| High Temperature Usage (F deg)                                                                                                                                                                                                                                                                                    | +400° to +600°                |                                                                                                                                                                                                                    |  |
| Aging Weather - Sunlight                                                                                                                                                                                                                                                                                          | Excellent                     |                                                                                                                                                                                                                    |  |
| Adhesion to Metals                                                                                                                                                                                                                                                                                                | Good                          |                                                                                                                                                                                                                    |  |
| <b>ENGINEERING COMMENT:</b>                                                                                                                                                                                                                                                                                       |                               |                                                                                                                                                                                                                    |  |
| Fluoro-Elastomers offer excellent resistance to aggressive fuels and chemicals, including oils, lubricants, most mineral acids and solvents. Static applications from -65° F to 600° F. Viton® and Fluoro-Elastomers are not recommended for ketones, low molecular weight esters and nitro containing compounds. |                               |                                                                                                                                                                                                                    |  |

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