

# **Backer Rod**

Nomaco is the leading provider of foam joint filler products serving the concrete and waterproofing markets.

## **Backer Rod and Flat Profiles**

Nomaco's full product line of backer rod and flat profiles are commonly used in expansion and control joints prior to sealing in order to limit sealant depth, help the sealant assume an optimum hourglass shape factor to prolong sealant life, and to serve as a bond breaker to prevent bottom-side adhesion of the sealant.

## Gaskets

Nomaco offers SOF<sup>®</sup> Seal and SOF<sup>®</sup> Seal Plus gaskets used on marriage wall joints in factory-built, modular and double-wide manufactured homes to prevent air leakage and infiltration. SOF<sup>®</sup> Seal and SOF<sup>®</sup> Seal PLUS are economical, have low water vapor permeance and perform better than fiberglass when condensation is formed by moisture laden air leaking through wall cavities and joint openings.

Product Attributes

- Easy to apply
- Chemically inert
- Virtually dust-free
- Meets all the requirements of the 1990 Clean Air Act
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10







For more than 20 years, Nomaco has been producing backer rod products that are widely used in residential and commercial applications. Nomaco designed and patented SOF® Rod, a product that is widely used to fill concrete gaps and prevent sealants from bubbling, which can cause failure. Nomaco has also helped develop many ASTM standards which are still in use today.

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### Residential

Nomaco's backer rod products are used in various residential applications such as sidewalks, driveways, curbs and swimming pools. Our products extend the life of the concrete by acting as an insulator and bondbreaker for sealants. SOF® Seal is used as a gasket to protect the intrusion of moisture and air infiltration on sill plates and marriage joints in modular homes and log home joints.

## Commercial

Common commercial applications include expansion and contraction joints, roads, airport runways, window glazing, curtain wall construction partitions, parking decks and bridge construction. These products prolong the service life and act as barriers to the flow of sealant through joints.

## Timeline

- **1990** Nomaco introduces SOF<sup>®</sup> Rod, a non-gassing, bi-cellular sealant backer rod
- **1992** ASTM recognizes SOF<sup>®</sup> as a new type of polymer foam sealant backing. ASTM C 717 defines SOF<sup>®</sup> as bi-cellular sealant backing.
- 1993 SOF® Rod sealant backing is included in ASTM C 1330 and ASTM D 5249 backer materials for joints in buildings, concrete, and asphalt pavement
- **1999** Nomaco introduces SOF<sup>®</sup> Seal as an air infiltration barrier gasket for log and manufactured homes, and joins the DOE/EPA Energy Star Program and NAHB Building Systems Councils
- **2009** Nomaco introduces Flat Rod to be used in expansion joints for concrete construction

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2015 – Nomaco introduces Nomaflex to be used in poured concrete expansion joints and forms

Nomaflex®HBR® XLFlat Rod™OCFoam™SOF® RodSOF® Seal P-GasketHBR®SOF® Seal Plus

# Joint Filler Products

Nomaco is the leading provider of foam joint filler products serving the concrete and waterproofing markets. We offer a full array of bi-cellular, closed-cell, crosslinked and open-cell products providing a convenient single source for all of your joint filler needs - **all made in the USA**.

## Features

- Easy to apply
- Lightweight
- Easy to store
- Non-gassing (SOF Rod)
- Non-exuding
- Chemically inert
- Virtually dust-free
- Meets all of the requirements of the 1990 Clean Air Act
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10

### Uses

- Bridges
- Roads
- Pools
- Foundation Sill Plates
- Window Glazing
- Door Insulation
- Sidewalks
- Driveways
- Parking Decks







Size         Lft./Unit         Lft./Ctn.         Pcs./Ctn.         Ctn./Pallet           1/4"         3200         6400         2         18           1/4"         3200         6400         2         18           1/4"         3200         3600         2         18           1/2"         2500         2500         1         18           1/2"         2500         2500         1         18           1/4" x4"         1000         100         4           3/4"         100         1000         1         18           1/2" x50         550         1         18         1/4"x6"         250         5         8           1/4" x4"         2000         2000         1         18         1/4"x6"         250         5         8           1/2" 46         550         1         18         1/4"x6"         250         5         8           1/4" 41         2000         2000         1         36         3/8"x1"         1000         1000         1         18           1/2" 800         800         1         36         3/8"         1500         1         18           1/2"													
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3/8"       1800       3600       2       18         1/2"       2500       1       18       3"       6       144       24       8         5/8"       1550       1550       1       18       3"       6       144       24       8         7/8"       850       850       1       18       4"       6       90       15       8         1"       550       550       1       18       4"       6       90       15       8         1-1/4"       400       400       1       18       4"       6       90       15       8         1-1/4"       400       400       1       18       5/8"       500       2000       4       6         1-1/2"       6       552       92       8       7/8"       350       1050       3       6         1-1/2"       6       360       60       8       1-1/8"       300       600       2       6         1-1/2"       350       350       1       6       1-1/2"       350       350       1       6         2"/       10       100       96       9,600	6″	9	72	8	-	1-1/2″	6	552	92	8			
1/2"       2500       2500       1       18       3"       6       144       24       8         5/8"       1550       1550       1       18       4"       6       90       15       8         7/8"       850       850       1       18       4"       6       90       15       8         1"       550       550       1       18       4"       6       90       15       8         1-1/4"       400       400       1       18       3"       6       144       24       8         1-1/4"       400       400       1       18       4"       6       90       15       8         1-1/4"       400       400       1       18       5/8"       500       2000       4       6         1-1/2"       6       552       92       8       7/8"       350       1050       3       6         1-1/2"       6       360       60       8       1-1/8"       300       600       2       6         1-1/2"       350       350       1       6       2"       2"       2"       2"       2"       200 </td <td></td> <td></td> <td>HBR XL Spool</td> <td>5</td> <td></td> <td>2″</td> <td>6</td> <td>360</td> <td>60</td> <td>8</td>			HBR XL Spool	5		2″	6	360	60	8			
5/8"         1550         1550         1         18           7/8"         850         850         1         18           1"         550         550         1         18           1"         550         550         1         18           1-1/4"         400         400         1         18           1-1/4"         400         400         1         18           1-1/4"         400         400         1         18           1-1/2"         6         552         92         8           2"         6         360         60         8           2"         6         360         60         8           1-1/2"         6         352         92         8           2"         6         360         60         8           1-1/2"         6         360         60         8           1-1/2"         10         Packs/Pallet         Lft./Pallet         2"         350         350         1         6           1-1/2"         10         100         96         9,600         1         1         6           1/2" x 5"         10	3/8″	1800	3600	2	18	2-1/2″	6	240	40	8			
7/8"         850         850         1         18           1"         550         550         1         18           1-1/4"         400         400         1         18           1-1/4"         400         400         1         18           1-1/4"         400         400         1         18           1-1/4"         400         400         1         18           1-1/4"         400         400         1         18           1-1/2"         6         552         92         8           2"         6         360         60         8           2"         6         360         60         8           1-1/2"         G         350         1050         3         6           7/8"         350         1050         3         6           1-1/2"         350         350         1         6           1-1/2"         350         350         1         6           1-1/2"         350         350         1         6           1/4"x 3-1/2"         10         100         104         10,400           1/2"x 4"         10	1/2″	2500	2500	1	18	3″	6	144	24	8			
1°         500         100	5/8″	1550	1550	1	18	4″				8			
1-1/4"         400         400         1         18         3/8"         750         3000         4         6           1-1/2"         6         552         92         8         5/8"         500         2000         4         6           2"         6         360         60         8         7/8"         350         1050         3         6           Size         Lft./Unit         Lft./Bundle         Packs/Pallet         Lft./Pallet         7/8"         350         350         1         6           1-1/2" x 3-1/2"         10         100         104         10,400         2"         2"         8         1-1/2"         350         350         1         6           1/4" x 3-1/2"         10         100         104         10,400         2"         7,200         200         1         6	7/8″	850	850	1	18								
HBR XL Cut Lengths           1-1/2"         6         552         92         8           2"         6         360         60         8           2"         6         360         60         8           Size         Lft./Unit         Lft./Bundle         Packs/Pallet         Lft./Pallet           1/4" x 3-1/2"         10         100         104         10,400           1/2" x 4"         10         100         96         9,600           1/2" x 5"         10         100         72         7,200	1″	550	550	1	18	Size	Lft/Bag	Lft/Sleeve	Bags/Sleeve	Sleeves/Bale			
1-1/2"       6       552       92       8         2"       6       360       60       8         Size       Lft./Unit       Lft./Bundle       Packs/Pallet       Lft./Pallet         Nomaflex         1/4" x 3-1/2"       10       100       104       10,400         1/2" x 4"       10       100       96       9,600         1/2"x 5"       10       100       72       7,200	1-1/4″	400			18	3/8″	750	3000	4	6			
2"         6         360         60         8           Size         Lft./Unit         Lft./Bundle         Packs/Pallet         Lft./Pallet           Vomaflex         Vomaflex         2"         350         350         1         6           1/4" x 3-1/2"         10         100         104         10,400         2"         7,200         200         1         6	HBR XL Cut Lengths							2000					
Size         Lft./Bundle         Packs/Pallet         Lft./Pallet           Nomaflex           1/4"x 3-1/2"         10         100         104         10,400           1/2"x 4"         10         100         96         9,600           1/2"x 5"         10         100         72         7,200													
Size         Lft./Unit         Lft./Bundle         Packs/Pallet         Lft./Pallet         2"         200         200         1         6           Nomaflex           1/4" x 3-1/2"         10         100         104         10,400           1/2" x 4"         10         100         96         9,600           1/2" x 5"         10         100         72         7,200	2″	6	360	60	8								
Nomaflex         Nomaflex           1/4"x 3-1/2"         10         100         104         10,400           1/2"x 4"         10         100         96         9,600           1/2"x 5"         10         100         72         7,200	Size	Lft./Unit	Lft./Bundle	Packs/Pallet	Lft./Pallet				i .				
1/4" x 3-1/2"1010010410,4001/2" x 4"10100969,6001/2" x 5"10100727,200						2	200	200		U			
1/2"x 4"         10         100         96         9,600           1/2"x 5"         10         100         72         7,200	1/4″ x 3-1/2″	10		104	10,400								
<u>1/2"x 5" 10 100 72 7,200</u>													
	1/2″x 6″	10	100	64	6,400								

Physical Properties												
	Bi-Cellular		Open-Cell									
	SOF Rod	HBR	HBR XL	Flat Rod	Nomaflex	OCFoam						
Sealant Use	Cold-Applied	Cold-Applied	Cold- and Hot-applied	Cold-Applied	Cold- and Hot-applied	Cold- and Hot-applied						
Absorption	Non-Absorbing	Non-Absorbing	Non-Absorbing	Non-Absorbing	Non-Absorbing	Absorbing						
Out-Gassing	Non-Gassing	Out-Gassing*	Out-Gassing*	Out-Gassing*	Out-Gassing*	Non-Gassing						
Temp. Limits	-45°F to +160°F	-45°F to +160°F	-45°F to +410°F	-45°F to +160°F	to +392°F	-65°F to +400°F						
Material	Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)	Polyurethane (PU)						
Color	Grey	Grey	White	Grey	Black	Yellow or Black						
ASTM Type	С 1330 Туре В	C 1330 Type C	D 5249 Type 1	С 1330 Туре 2. Туре С	С 1330 Туре 2. Туре С	С 1330 Туре О						
*When Dunctured												

\*When Punctured



# **Commercial Applications**



# Nomaflex<sup>®</sup> Closed-Cell Flat Profiles

Closed-Cell polypropylene foam used in concrete construction such as expansion joints or forms. Engineered for use with or without sealants.

### Features

- Lightweight, 1 person can carry 10 pieces
- Tested to bend around 13" column without breaking
- Waterproof; can be stored outside
- Easy to transport
- Easy to use, same installation methods as currently used
- Can hold in place using nails, stakes or spray adhesives\*
- Compatible with plastic edge caps to leave a void for sealants
- Can be used with hot and cold sealants
- Does not leach out
- No sticky residue

### Description

Nomaflex<sup>®</sup> is a closed cell extruded polypropylene foam that is easy to handle, has no odor or sticky residue and can be installed using traditional installation methods.

#### **Benefits**

Polypropylene foam can be used as a form and is rigid enough to withstand concrete pouring. It can be re-used and is compatible with traditional plastic edge caps to leave a void for sealants.

#### **Applications**

Nomaflex<sup>®</sup> extends the service life of concrete by acting as an insulator to contraction and expansion joints, while acting as a bond breaker for sealants. Common applications include, but are not limited to: sidewalks, streets, driveways, highways, airport runways, commercial and industrial applications.

#### Storage

Can be stored inside or outside.

## Joint Preparation and Installation

Prior to the pouring of concrete Nomaflex<sup>®</sup> should be installed against the forms or any edge where concrete is poured and an expansion joint is required. When using sealants, Nomaflex<sup>®</sup> should be installed ½" below the concrete surface to allow space for joint sealant. Install plastic edge cap prior to pouring the concrete and complete screed to finish grade. When the concrete has cured, remove the plastic edge cap. Nomaflex<sup>®</sup> can be used with all hot and cold applied sealants.

## Compatibility

Closed-cell polypropylene foam is an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known cold and hot applied sealants including self-leveling types.

#### Precautions

Read and follow application information, precautions, and Material Safety Data Sheet information.

# 

# Flat Rod<sup>™</sup> **Closed Cell Flat Profiles**

Closed-Cell polyethylene foam expansion material, for use in concrete construction. Engineered with and without a 1/2", easy-tear strip, for use with sealant applications.

#### **Features**

- Easy to manipulate Chemically inert
- Virtually dust-free
- Meets all of the requirements of the 1990 Clean Air Act
- Waterproof
- - Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10

#### Description

TYPE: 2 - Strips of various thicknesses intended for use with cold-applied sealants. FORM: Flat strips. TEMPERATURE LIMITS: -45°F to +200°F.

#### Benefits

Polyethylene foam is an economical choice for use in concrete construction. Flat Rod is lightweight, non-absorbent, UV stable and compressible for easy installation.

### Applications

Flat Rod extends the service life of concrete by acting as an insulator to contraction and expansion joints, while acting as a bondbreaker for sealants. Common applications include, but are not limited to: parking decks, curbs and gutters, concrete slabs, swimming pools, roads and airport runways.

### Storage

Store in a well ventilated area. Do not store products in direct sunlight. Keep away from heat sources and open flames.

#### Joint Preparation and Installation

Just prior to installing Flat Rod, clean all joints per the sealant manufacturer's recommendations. Thoroughly remove any concrete form-release agents, curing compound residue, laitance, or any foreign materials. To ensure a good sealant bond, joints must be clean and dry when the new sealant is installed. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install Flat Rod at the depth recommended by the sealant manufacturer with a blunt tool.

### Compatibility

Closed-cell polyethylene foam is an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known cold applied sealants including self-leveling types.

#### Precautions

Do not puncture, over compress or stretch Flat Rod during insertion. Do not use with hot applied sealants. Tests for outgassing of cold applied sealants shall be made in accordance with ASTM Test Method C 1253. Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1087.



# SOF<sup>®</sup> Rod Bi-Cellular Backer Rod

Original, round, flexible, polyolefin foam rod made of a nonabsorbing outer skin and a resilient interior network of both open and closed cells that does not out-gas when ruptured.

#### **Features**

- Easy to apply
- Non-gassing
- Virtually dust-free
  Non-absorbing
- Non-exuding
- Non-absorbing
   Mosts all of the result
- Chemically inert
- Meets all of the requirements of the 1990 Clean Air Act
  Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10

#### Description

**TYPE:** B - Per ASTM C 1330. Cylindrical, flexible sealant backings composed of bi-cellular material. Also reference ASTM C 717 for use as gasket or sealing material. **TYPE:** 3 -Per ASTM D 5249. Round rods of various diameters for use with non-sag and self leveling cold applied sealants. **FORM:** Round Foam Rod. **TEMPERATURE LIMITS:** -45°F to +160°F.

#### **Benefits**

SOF Rod limits the depth of the sealant and prevents excessive sealant use. It also helps sealant assume optimum shape factor to prolong sealant service life and acts as a barrier to the flow of sealant through the joint. SOF Rod is soft enough to fill in tight areas and non-outgassing to prevent sealant bubbling and failure.

#### **Applications**

Common applications include, but are not limited to, expansion and contraction joints, window glazing, curtain wall construction partitions, parking decks, bridge construction, modular home gasketing, and log home chinking.

#### Storage

Store in a well ventilated area. Do not store products in direct sunlight. Keep away from heat sources and open flames.

#### Joint Preparation and Installation

Just prior to installing SOF Rod, clean all joints per the sealant manufacturer's recommendations. Thoroughly remove any concrete form-release agents, curing compound residue, laitance, or any foreign materials. To ensure a good sealant bond, joints must be clean and dry when the new sealant is installed. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install SOF rod at the depth recommended by the sealant manufacturer with a blunt tool.

#### **Size Selection**

Proper size selection is important as it controls the depth of the sealant bead. It must be oversized (25-50%) to fit tightly into the joint and function as a bond-breaker to prevent back-side adhesion of the sealant.

#### Compatibility

Bi-cellular polyolefin foam is an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known cold applied sealants including self-leveling types.

#### Precautions

Do not puncture, over compress or stretch SOF Rod during insertion. Do not use with hot applied sealants. Tests for outgassing of cold applied sealants shall be made in accordance with ASTM Test Method C 1253. Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1087.



# HBR Closed-Cell Backer Rod

Round, flexible, continuous lengths of extruded, closed-cell polyethylene foam backer rod for use as a backing material for elastomeric and other cold applied sealants.

### Features

- Easy to apply Non-exuding
- Virtually dust-free
- Meets all of the requirements of the 1990 Clean Air Act
- Chemically inert
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10



**TYPE:** C - Per ASTM C 1330. Cylindrical, flexible sealant backings composed predominantly of closed cell material per ASTM C 1330 for use with cold applied sealants.

**TYPE:** 3 -Per ASTM D 5249. Round rods of various diameters for use with cold applied joint sealants. **FORM:** Round Foam Rod. **TEMPERATURE LIMITS:** -45°F to +160°F.

### **Benefits**

HBR limits the depth of the sealant and prevents excessive sealant use. It also helps sealant assume optimum shape factor to prolong sealant service life and acts as a barrier to the flow of sealant through the joint.

### **Applications**

Common applications include, but are not limited to, expansion and contraction joints, curtain walls, construction partitions, parking decks and bridge construction.

#### Storage

Store in a well ventilated area. Do not store products in direct sunlight. Keep away from heat sources and open flames.

#### Joint Preparation and Installation

Just prior to installing HBR, clean all joints per the sealant manufacturer's recommendations. Thoroughly remove any concrete form-release agents, curing compound residue, laitance, or any foreign materials. To ensure a good sealant bond, joints must be clean and dry when the new sealant is installed. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install HBR at the depth recommended by the sealant manufacturer with a blunt tool.

#### **Size Selection**

Proper size selection is important as it controls the depth of the sealant bead. It must be oversized (25-50%) to fit tightly into the joint and function as a bondbreaker to prevent back-side adhesion of the sealant.

## Compatibility

Closed-cell polyethylene foam is an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known cold applied sealants including self-leveling types.

#### Precautions

Do not puncture, over compress or stretch HBR during insertion. Do not use with hot applied sealants. Tests for outgassing of cold applied sealants shall be made in accordance with ASTM Test Method C 1253. Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1087.



# HBR<sup>®</sup> XL Cross-Linked, Closed-Cell Backer Rod

Round, flexible, continuous lengths of cross-linked, closed-cell polyethylene foam backer rod for use as a backing material for hot- and cold-applied sealants.

#### **Features**

• Easy to apply

Chemically inert

- Virtually dust-free
- Meets all of the requirements of the 1990 Clean Air Act
- Waterproof
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10



**TYPE:** 1 - Rounds of rods of various diameters intended for use with cold- and hot-applied sealants. **FORM:** Round Foam Rod. **TEMPERATURE LIMITS:** -45F to +410F.

#### **Benefits**

HBR XL limits the depth of the sealant and prevents excessive sealant use. It also helps sealant assume optimum shape factor to prolong sealant service life and acts as a barrier to the flow of sealant through the joint.

#### **Applications**

Common applications include, but are not limited to, expansion and contraction joints, curtain walls, construction partitions, parking decks and bridge construction where both cold- and hot-applied sealants are used.

#### Storage

Store in a well ventilated area. Do not store products in direct sunlight. Keep away from heat sources and open flames.

#### Joint Preparation and Installation

Just prior to installing HBR XL, clean all joints per the sealant manufacturer's recommendations. Thoroughly remove any concrete form-release agents, curing compound residue, laitance, or any foreign materials. To ensure a good sealant bond, joints must be clean and dry when the new sealant is installed. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install HBR XL at the depth recommended by the sealant manufacturer with a blunt tool.

#### **Size Selection**

Proper size selection is important as it controls the depth of the sealant bead. It must be oversized (25-50%) to fit tightly into the joint and function as a bond-breaker to prevent back-side adhesion of the sealant.

#### Compatibility

Cross-linked polyethlene foam is an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known hot and cold applied sealants including self-leveling types.

#### Precautions

Do not puncture, over compress or stretch HBR XL during insertion. Tests for outgassing of cold applied sealants shall be made in accordance with ASTM Test Method C 1253. Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1087.



# **OCFoam**<sup>™</sup> Open-Cell Backer Rod

Round, flexible, continuous lengths of open-cell polyurethane foam backer rod for use as a backing material for elastomeric and other cold applied sealants.

### Features

- Easy to apply
- Non-gassing
- Virtually dust-free
- Meets all of the requirements of the 1990 Clean Air Act
- Non-exuding

Chemically inert

Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10
Available in black and yellow

#### Description

**TYPE:** O - Per ASTM C 1330. Cylindrical, flexible sealant backings composed of open-cell material. **FORM:** Round Foam Rod. **TEMPERATURE LIMITS:** -65°F to +400°F.

#### **Benefits**

OCFoam limits the depth of the sealant and prevents excessive sealant use. It also helps sealant assume optimum shape factor to prolong sealant service life and acts as a barrier to the flow of sealant through the joint.

#### **Applications**

Common applications include, but are not limited to, expansion and contraction joints, window glazing, curtain wall construction partitions, parking decks and bridge construction.

#### Joint Preparation and Installation

Just prior to installing OCFoam, clean all joints per the sealant manufacturer's recommendations. Thoroughly remove any concrete form-release agents, curing compound residue, laitance, or any foreign materials. To ensure a good sealant bond, joints must be clean and dry when the new sealant is installed. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install OCFoam at the depth recommended by the sealant manufacturer with a blunt tool.

#### Size Selection

Proper size selection is important as it controls the depth of the sealant bead. It must be oversized (25-50%) to fit tightly into the joint and function as a bondbreaker to prevent back-side adhesion of the sealant.

## Compatibility

Open-cell polyure thane foam is an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known cold applied sealants including self-leveling types.

#### **Precautions**

Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1087.



# SOF<sup>®</sup> Seal P-Gasket Bi-Cellular Foam Gasket

Flexible polyolefin foam made of a non-absorbing outer skin and a resilient interior network of both open and closed cells.

• Virtually dust-free

#### **Features**

- Easy to apply
- Non-gassing
- Non-exuding
- Chemically inert
- Non-absorbing
- Meets all of the requirements of the 1990 Clean Air Act
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10

#### Description

**TYPE:** Engineered polymer foam gasket for use in construction. **FORM:** Clean, Dry, Pre-formed Air Leak Gasket. **TEMPERATURE LIMITS:** -45°F to +160°F.

#### **Benefits**

SOF Seal is an extruded, dry, pre-formed foam gasket made of a non-absorbing skin and a soft, highly resilient interior network of open and closed cells. SOF Seal is clean, free of scale, foreign matter, oil, or water. SOF Seal is economical and has a convenient nail fin for easy installation. It has low water vapor permeance and performs better than fiberglass if condensation is formed by moisture laden air leaking through wall cavities and joint openings.

#### **Applications**

SOF Seal is commonly used between the marriage joint on factory built double-wide and modular home units, as well as log home joints. SOF Seal easily fills various sizes and shapes of openings in the marriage joint.

#### Storage

Store in a well ventilated area. Do not store products in direct sunlight. Keep away from heat sources and open flames.

#### Installation

- 1. Set the first module according to required specifications.
- 2. Install SOF Seal around the entire perimeter of the module, up the exterior wall studs, along the center line of the top length of the marriage wall beam, and across the bottom girder. The staple fin can be installed up or down. (Figures 1 and 2)

SOF Seal should be adhered to the marriage wall every 8-12" on center, using the SOF Seal nail fin. Staples or nails may be used, as long as they hold the SOF Seal tight to the marriage wall without the crown penetrating or tearing the surface of the Seal.

3. Set the adjoining module, taking extra care not to tear the SOF Seal gasket\*

Crane Assisted Set: If SOF Seal has been factory installed, to guard from winch line abrasion, place two 2"x4"x36" blocks at the top plate where the winch line will cross. Once the second module is lowered, remove the blocks and gently marry the modules together, without tearing the gasket.\*







# SOF<sup>®</sup> Seal Plus Closed-Cell Foam Gasket

Flexible, closed-cell polyethylene foam backer rod for use as a moisture and air infiltration barrier.

#### **Features**

- Easy to apply
- Non-exuding
- Virtually dust-free
- Meets all of the requirements of the 1990 Clean Air Act
- Chemically inert
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10



**TYPE:** Engineered polymer foam gasket for use in construction. **FORM:** Clean, Dry, Pre-formed Air Leak Gasket. **TEMPERATURE LIMITS:** -45°F to +160°F.

#### **Benefits**

SOF Seal plus is economical and has a convenient nail fin for easy installation. It has low water vapor permeance and performs better than fiberglass if condensation is formed by moisture laden air leaking through wall cavities and joint openings. In addition, the reinforced opening in the middle of the Profile provides a low compression deflection to prevent bowing of the wooden frame.

#### **Applications**

SOF Seal Plus is commonly used between the marriage joint on factory built double-wide and modular home units, as well as log home joints. SOF Seal Plus easily fills various sizes and shapes of openings in the marriage joint.

#### Storage

Store in a well ventilated area. Do not store products in direct sunlight. Keep away from heat sources and open flames.

#### Installation

- 1. Set the first module according to required specifications.
- 2. Install SOF Seal PLUS around the entire perimeter of the module, up the exterior wall studs, along the center line of the top length of the marriage wall beam, and across the bottom girder. The staple fin can be installed up or down. (Figures 1 and 2)

SOF Seal PLUS should be adhered to the marriage wall every 8-12" on center, using the SOF Seal nail fin. Staples or nails may be used, as long as they hold the SOF Seal PLUS tight to the marriage wall without the crown penetrating or tearing the surface of the Seal.

3. Set the adjoining module, taking extra care not to tear the SOF Seal PLUS gasket\*

Crane Assisted Set: If SOF Seal PLUS has been factory installed, to guard from winch line abrasion, place two 2"x4"x36" blocks at the top plate where the winch line will cross. Once the second module is lowered, remove the blocks and gently marry the modules together, without tearing the gasket.\*



(Figure 2)

Module #1



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