



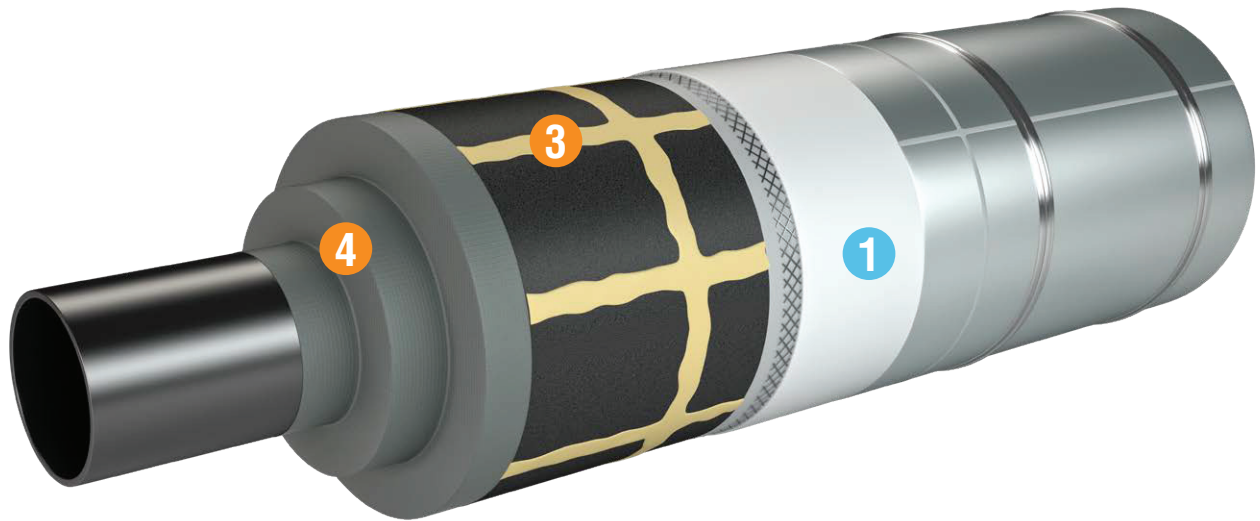
Industrial Selection Guide



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INDUSTRIAL PRODUCTS

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- 1 Primary Vapor Retarder
- 2 Primary Vapor Retarder Membrane
- 3 Joint Sealant
- 4 Vapor Stop Sealant
- 5 Jacketing Sealants



APPLICATION

INSULATION TYPE

MASTICS & COATINGS

1	PRIMARY VAPOR RETARDER	WEATHER BARRIER / BREATHER	FIBERGLASS & MINERAL WOOL	RIGID INSULATION (CELLULAR GLASS, PIR, PHENOLIC)	CALCIUM SILICATE	POLYSTYRENE	AEROGEL	RUBBER FOAM / OTHER
30-80	●		●	●		●*		○
35-00		●	●	●	●	●*	●	○
60-25, 60-26	○		○	○				
60-38, 60-39	●		○	●			●	○
60-90, 60-91	●		●	●			●	○
60-95, 60-96	●		●	●			●	○
65-05	○		○	○				
90-07		○	○	○	○			

JACKETS & MEMBRANES

2	PRIMARY VAPOR BARRIER	REINFORCING FABRIC	FIBERGLASS & MINERAL WOOL	RIGID INSULATION (CELLULAR GLASS, PIR, PHENOLIC)	CALCIUM SILICATE	POLYSTYRENE	AEROGEL	RUBBER FOAM / OTHER
Butylar™ NXT	●			●		●	●	●
Mast-A-Fab® (42-24)		●		●	●	●	●	●
Chil-Glas® #5		●		○	○	○		○
Chil-Glas® #10		●		○	○	○	○	○

ADHESIVES

	ATTACHMENT LAP	FABRICATION FACING	FIBERGLASS & MINERAL WOOL	RIGID INSULATION (CELLULAR GLASS, PIR, PHENOLIC)	CALCIUM SILICATE	POLYSTYRENE	AEROGEL	RUBBER FOAM / OTHER
81-27	●	●			●			Perlite
81-33	○	●	●	○			●	
81-84NH	●	●		●				
82-77	●	○		●		●	●	●
85-15	●	●		●			●	
85-75	●	●						●
85-45	○	○	●	○		●	●	●

SEALANTS

3 4 5	JOINT FLASHING METAL JACKETING	FIBERGLASS & MINERAL WOOL	RIGID INSULATION (CELLULAR GLASS, PIR, PHENOLIC)	CALCIUM SILICATE	POLYSTYRENE	AEROGEL	RUBBER FOAM / OTHER
30-16	Anti-Abrasion Bore Coating		●				
30-45N	○ ○ ○		○		●		
95-44	○ ● ●		●			●	
95-88	○ ● ●		●			●	
95-50	●		●				
95-55	●		●				
90-61	Vapor Stop Sealant		●			●	●
90-66	Vapor Stop Sealant		●			●	●
96-04		●					

This guide is provided as a quick reference. Please see product details in this catalogue, and product data sheet for specific test methods, installation methods and additional information.
 *Always choose white colored coating for exterior use on polystyrene insulation. Do not use solvent based products with polystyrene.



30-80 VAPOR-SAFE®



WATER BASED

- LEED v4 Compliant
- ASTM C755-19
- MIL-PRF-19565D, Type II
- QPD-19565 Listed
- Vapor Retarder Mastic

APPLICATION: Full Coverage Vapor Retarder Protectant

INSULATIONS: PIR, Cellular Glass, Fiberglass, MW, Aerogel, Rubber Foam

COLOR: White

METHOD: Brush, Airless Spray



35-00 SEALFAS G-P-M®



WATER BASED

- LEED v4 Compliant
- Weather Barrier Mastic

APPLICATION: Full Coverage Protectant

INSULATIONS: PIR, Cellular Glass, Calcium Silicate, Aerogel, MW, FG

COLOR: White

METHOD: Trowel, Glove



60-25 60-26 C.I. MASTIC®

ASPHALT BASED

- Low permeance
- Compatible with buried applications
- Vapor Retarder Mastic
- ASTM C755-19

APPLICATION: Full Coverage Vapor Retarder Protectant

INSULATIONS: PIR, Cellular Glass, MW, FG

COLOR: Black

METHOD: Trowel, Industrial Airless Spray



60-38 60-39 MONOLAR® II



SOLVENT BASED

- Very low permeance
- CSPE (formerly Hypalon) based formulation
- Vapor Retarder Mastic
- Excellent chemical and weather resistance
- ASTM C755-19

APPLICATION: Full Coverage Vapor Retarder Protectant

INSULATIONS: PIR, Cellular Glass, Aerogel, MW, FG

COLOR: White, Gray

METHOD: Trowel, Glove



60-90 60-91 MONOLAR® MASTIC



- Very low permeance
- Contains CSPE (formerly Hypalon)
- Vapor Retarder Mastic
- Excellent chemical and weather resistance
- ASTM C755-19

SOLVENT BASED

APPLICATION: Full Coverage Vapor Retarder Protectant
INSULATIONS: PIR, Cellular Glass, Aerogel, MW, FG
COLOR: White, Gray
METHOD: Trowel, Glove



60-95 60-96 MONOLAR® COATING



- Very low permeance
- ASTM C755-19
- Contains CSPE (formerly Hypalon)
- Excellent chemical and weather resistance
- Vapor Retarder Mastic

SOLVENT BASED

APPLICATION: Full Coverage Vapor Retarder Protectant
INSULATIONS: PIR, Cellular Glass, Aerogel, MW, FG
COLOR: White, Gray
METHOD: Brush, Spray



65-05 C.I. MASTIC™ FIRE RESISTIVE

- Low permeance
- Fire Resistive formulation
- Vapor Retarder Mastic
- ASTM C755-19

ASPHALT BASED

APPLICATION: Full Coverage Vapor Retarder Protectant
INSULATIONS: PIR, Cellular Glass, MW, FG
COLOR: Black
METHOD: Trowel



90-07 H.I. MASTIC®

- Low VOC
- Economical Weather Barrier Mastic

ASPHALT EMULSION

APPLICATION: Full Coverage Protectant
INSULATIONS: PIR, Cellular Glass, MW, FG, Calcium Silicate
COLOR: Black
METHOD: Trowel

Jackets & Membranes

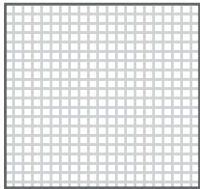


63-50 BUTYLAR™ NXT VAPOR BARRIER JACKETING

ALUMINUM FACING with BLACK BUTYL

- 12/25/25 PAP facing
- Very low permeance
- Protective barrier for cold/cryogenic applications

APPLICATION: Primary Vapor Barrier
INSULATIONS: PIR, Cellular Glass, Aerogel, Rubber Foam
THICKNESS: 1.2mm high-performance butyl adhesive
SIZES: 1m x 15m rolls
100mm x 15m rolls

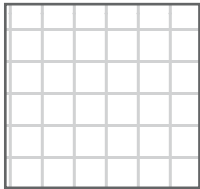


42-24 MAST-A-FAB® REINFORCING MEMBRANE

LENO WEAVE SYNTHETIC FIBER

- Leno Weave
- 1.3 oz / square yard
- 9 x 8 strands / in²
- Provides reinforcement and thickness control to coatings

APPLICATION: Reinforcing Fabric
COLOR: White
SIZES: 30" x 600' rolls

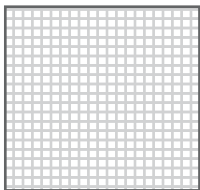


#5 CHIL-GLAS® REINFORCING MEMBRANE

OPEN WEAVE GLASS FIBER

- 3.96 oz / square yard
- 5 x 5 strands / in²
- Provides reinforcement and thickness control to coatings
- High Strength, Open Weave

APPLICATION: Reinforcing Fabric
COLOR: White
SIZES: 39" x 150' rolls



#10 CHIL-GLAS® REINFORCING MEMBRANE

OPEN WEAVE GLASS FIBER

- 1.9 oz / square yard
- 10 x 10 strands / in²
- Provides reinforcement and thickness control to coatings
- High Strength, Open Weave

APPLICATION: Reinforcing Fabric
COLOR: White
SIZES: 39" x 150' rolls



81-27 FIBROUS ADHESIVE

- Inorganic, sodium silicate
- Incombustible
- Uses up to 800°F (425°C)

WATER BASED

APPLICATION: Attachment, Fabrication
INSULATIONS: Calcium Silicate, Perlite
COLOR: White
METHOD: Brush, Trowel



81-33 FIRE RESISTIVE ADHESIVE

- Flammable (FP: 43°C)
- Fire Resistive Adhesive
- Adhere and seal joints of PIR pipe insulation
- Attachment of fibrous insulation to steel

SOLVENT BASED

APPLICATION: Attachment, Fabrication
INSULATIONS: Fiberglass, MW, PIR/PUR/Phenolic, Aerogel
COLOR: Tan
METHOD: Trowel



81-84NH URETHANE ADHESIVE / SEALANT

- Two component urethane
- ~100% solids - non-shrinking
- Halide Free
- Cryogenic adhesive to:
-165°C (PIR);
-105°C (Cellular Glass)

REACTIVE CURE - 2K

APPLICATION: Attachment, Fabrication
INSULATIONS: PIR/PUR/Phenolic, Cellular Glass, Polystyrene, Aerogel, Rubber Foam
COLOR: Beige
METHOD: Notched Trowel



82-77 CRYOGENIC ADHESIVE

- 100% solids - non-shrinking
- Halide Free
- Cryogenic adhesive to:
-196°C (Cellular Glass or PIR)

REACTIVE CURE - 3K

APPLICATION: Attachment, Fabrication
INSULATIONS: PIR/PUR/Phenolic, Cellular Glass, Aerogel
COLOR: Black
METHOD: Notched Trowel

Adhesives



85-15 STIC-SAFE®



SOLVENT BASED

- Flammable (FP: -22°C)
- ASTM C916, Type IV
- Adhering fibrous insulation to metal

APPLICATION: Attachment, Lap Sealing, Fabrication
INSULATIONS: Fiberglass, MW, PIR, Aerogel
COLOR: Amber
METHOD: Brush



85-75 DRION® ANTIFUNGAL



SOLVENT BASED

- Contact Adhesive
- Non-Flammable Solvent
- Fast Evaporating
- Bond impermeable surfaces
- Seal seams of secondary vapor barrier

APPLICATION: Attachment, Lap Sealing, Facing
INSULATIONS: Rubber Foam
COLOR: White
METHOD: Brush



85-45 FOS-STIK™

- Flammable (FP: -40°C)
- Web Spray
- Fast Tacking
- Not for sale in California

SOLVENT BASED

APPLICATION: Attachment, Lap Sealing, Fabricating, Facing
INSULATIONS: Fiberglass, MW, Rubber Foam, Aerogel, PIR, Polystyrene, Cellular Glass (facing)
COLOR: Clear (dry)
METHOD: Aerosol Spray



30-16 ANTI- ABRASION COATING / SEALER

WATER BASED

- Protects from breakdown of insulation from expansion/contraction/vibrations
- Applied to bore of the insulation
- -196°C to 93°C

APPLICATION: Anti-Abrasion Bore Coating
INSULATIONS: Cellular Glass, PIR/PUR/Phenolic
COLOR: White
METHOD: Brush, Spray



30-45N FOAMSEAL™



OIL BASED

- High solids: ~95%
- Low vapor permeance in sealed joints
- Compatible with polystyrene insulation
- Vapor seal between pipe and insulation to -73°C

APPLICATION: Joint, Flashing, Metal Jacketing
INSULATIONS: Polystyrene, Cellular Glass, PIR/PUR/Phenolic
COLOR: Gray



95-44 ELASTOLAR®

- Butyl Rubber based
- Low vapor permeance
- Apply in laps of jacketing and as a flashing to seal against water and water vapor intrusion
- -55°C to 121°C

SOLVENT BASED

APPLICATION: Joint, Flashing, Metal Jacketing
INSULATIONS: Aerogel, Cellular Glass, PIR/PUR/Phenolic
COLOR: Aluminum
METHOD: Cartridge Gun, Trowel



95-88 ELASTISEAL™

- Butyl Rubber based - Economic Grade
- Low vapor permeance
- Apply in laps of jacketing and as a flashing to seal against water and water vapor intrusion
- -40°C to 121°C

SOLVENT BASED

APPLICATION: Joint, Flashing, Metal Jacketing
INSULATIONS: Aerogel, Cellular Glass, PIR/PUR/Phenolic
COLOR: Gray
METHOD: Cartridge Gun, Trowel

Sealants



95-50 FLEXTRA®

SOLVENT BASED

- Butyl Rubber based
- Non-setting in joint
- Surface drying for compatibility with top coats
- Use to:
 - 167°C (PIR);
 - 105°C (Cellular Glass)

APPLICATION: Joint Sealant
INSULATIONS: Cellular Glass, PIR/PUR/Phenolic, Aerogel
COLOR: Beige
METHOD: Trowel



95-55 INSULATION JOINT SEALANT

SOLVENT BASED

- Butyl polymer based
- High solids, 93%
- Non-setting, non-skinning
- Permanently non-drying
- Use to:
 - 167°C (PIR);
 - 105°C (Cellular Glass)

APPLICATION: Joint, Metal Jacketing Lap Sealant
INSULATIONS: Cellular Glass, PIR/PUR/Phenolic
COLOR: Gray
METHOD: Trowel



90-61 CRYOLAR™ 1K VAPOR STOP SEALANT

SOLVENT BASED

- One component, ready-to-use
- Cryogenic service to -196°C on pipes
- Very low permeance
- Improved application consistency

APPLICATION: Vapor Stop Sealant
INSULATIONS: Cellular Glass, PIR/PUR/Phenolic, Aerogel, Rubber Foam
COLOR: Gray
METHOD: Brush, Trowel

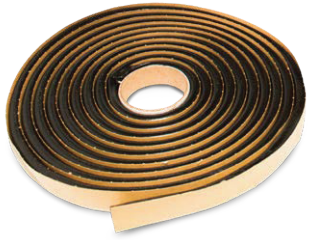


90-66 CRYOGENIC VAPOR STOP SEALANT

SOLVENT BASED

- Two component, vulcanizing rubber
- High solids
- Cryogenic service to -196°C on pipes
- Very low permeance

APPLICATION: Vapor Stop Sealant
INSULATIONS: Cellular Glass, PIR/PUR/Phenolic, Aerogel, Rubber Foam
COLOR: Black
METHOD: Brush



96-04 BUTYL FLASHING TAPE

EXTRUDED BUTYL

- Apply in laps of jacketing and as a flashing to seal against water and water vapor intrusion
- 100% solids
- No cure or dry time

APPLICATION: Metal Jacketing,
Lap Sealant

COLOR: Gray

SIZES: Various Sizes
Available

CONTACT & MORE INFORMATION



Foster® Products manufactures and globally markets advanced solutions with substantiated proven performance – products that adhere, seal, coat, encapsulate, remove, and generally enhance the performance of insulation materials and systems.

For more than 100 years, engineers, owners and contractors have depended upon the quality and reliability of Foster® Products.

When you have only one chance – get it right with Foster® Products.



Documents

- Specs
- Technical Documents
- Safety Documents
- Product Brochures
- LEED® v4 Reference Guide & More!



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