

| Insulation<br>Nominal<br>I.D.     | Fits<br>Tube Size                       | Fits Pipe<br>Size - Pipe<br>Insulation  | 1/4 in Wall<br>Thickness<br>Item<br>No. |
|-----------------------------------|---|---|---|
| <b>K-Flex ECO Pipe Insulation</b> |   |   |   |
| 3/8 in                            | 3/8 in                                  | 3/8 in                                  | 4NPV4                                   |
| 1/2 in                            | 1/2 in                                  | 1/2 in                                  | 4NPV5                                   |
| 3/4 in                            | 3/4 in                                  | 3/4 in                                  | 4NPV7                                   |
| 1 in                              | 1 in                                    | 1 in                                    | 4NPV8                                   |
| 1 1/8 in                          | 1 1/8 in                                | 1 1/8 in                                | 4NPV9                                   |
| 2 in                              | 2 in                                    | 2 in                                    | 4NPW1                                   |
| 2 1/2 in                          | 2 1/2 in                                | 2 1/2 in                                | 4NPW2                                   |
| 3 in                              | 3 in                                    | 3 in                                    | 4NPW3                                   |
| Insulation<br>Sheet Size          | 1/2 in Wall<br>Thickness<br>Item<br>No. | 3/4 in Wall<br>Thickness<br>Item<br>No. | 1 in Wall<br>Thickness<br>Item<br>No.   |
| <b>K-Flex ECO Sheets</b>          |   |   |   |
| 36 in x 48 in                     | 4NPW8                                   | 4NPW9                                   | 4NPX1                                   |

## Flexible, Halogen-Free Elastomeric (Rubber) Pipe and Fitting Insulation



- Temp. range: -297° to 250°F
- Green color

**K-Flex ECO Pipe Insulation**—Will not contribute to stress crack corrosion on high-temperature stainless steel applications. Can be used in solar hot water, low-pressure steam, food processing, cleanroom, and marine applications. Complies with IMO and Solas specifications. Meets stringent testing for U.S. Navy combat ships, as described in the Electric Boat Specifications EB 4013.

**K-Flex ECO Sheets**—Can be used for hot/cold water, chilled water, refrigeration, and air conditioning applications. Sheets can be cut to size for specific applications.



4NPW8

## Flexible Tundra Polyolefin Pipe Insulation

- 6-ft. lengths

Help prevent heat gain and condensation or frost formation on water and air conditioning lines. Use with 320 or 620 contact adhesive or other approved sealing system. Polyethylene construction. Meet ASTM C 1427.

### PRE-SLIT, BLACK

- Temp. range: -160° to 200°F

Quickly slide over pipe or tubing. Slit length-wise when applying to existing tubes.

### PRE-SLIT/PRE GLUED, BLACK

- Temp. range: -160° to 200°F

Tubing has factory-applied adhesive and built-in release tabs. Can be pushed around P-traps and elbows up to and including 1" copper tube size. Mitering is recommended for complex joints.



### PRE-SLIT/PRE GLUED, WHITE

- Temp. range: -330° to 210°F

- FlowGuard Gold compatible

Ideal for use in cleanrooms, hospitals, and any application where pipes are exposed, and aesthetics are important. ASTM C 1427; ASTM E 84; ASTM E 84, 25/50 flame and smoke rating. CAN/ULC S102.2-M88. City of LA Report RR8316. Dade Co. FL Acceptance 95-1215.08. NYC MEA 305-93.

### INSULATION SHEETS

- Temp. range: -330° to 210°F

Closed cell design and flexibility is ideal for wrapping large pipes, tanks and vessels. GREENGUARD certified for use in hospitals and schools. ASTM E 84, 25/50 flame and smoke rating.



| Insulation<br>Nominal<br>I.D.    | Fits<br>Tube Size | Fits Pipe<br>Size - Pipe<br>Insulation | 1/4 in Wall<br>Thickness<br>Item<br>No. | 3/8 in Wall<br>Thickness<br>Item<br>No. | 1/2 in Wall<br>Thickness<br>Item<br>No. | 3/4 in Wall<br>Thickness<br>Item<br>No. | 1 in Wall<br>Thickness<br>Item<br>No. | 1 1/2 in Wall<br>Thickness<br>Item<br>No. | 2 in Wall<br>Thickness<br>Item<br>No. |
|----------------------------------|-------------------|--|---|---|---|---|---------------------------------------|---|---------------------------------------|
| <b>Pre-Slit, Black</b>           |                   |  |   |   |   |   |                                       |   |                                       |
| 3/8 in                           | 3/8 in            | 3/8 in                                 | —                                       | 2KUC5                                   | —                                       | 2KUD8                                   | —                                     | 2CKA9                                     | —                                     |
| 1/2 in                           | 1/2 in            | 1/2 in                                 | —                                       | 2KUC6                                   | —                                       | 2KUD9                                   | —                                     | 2CKC1                                     | —                                     |
| 3/4 in                           | 3/4 in            | 3/4 in                                 | —                                       | 2KUC7                                   | —                                       | 2KUE1                                   | —                                     | 2CKC2                                     | —                                     |
| 1 in                             | 1 in              | 1 in                                   | —                                       | 2KUC8                                   | —                                       | 2KUE2                                   | —                                     | 2CKC3                                     | —                                     |
| 1 1/8 in                         | 1 1/8 in          | 1 1/8 in                               | —                                       | 2KUC9                                   | —                                       | 2KUE3                                   | —                                     | 2CKC4                                     | —                                     |
| 2 in                             | 2 in              | 2 in                                   | —                                       | 2KUD1                                   | —                                       | 2KUE4                                   | —                                     | 2CKC5                                     | —                                     |
| 2 1/2 in                         | 2 1/2 in          | 2 1/2 in                               | —                                       | 2KUD2                                   | —                                       | 2KUE5                                   | —                                     | 2CKC6                                     | —                                     |
| 3 in                             | 3 in              | 3 in                                   | —                                       | 2KUD3                                   | —                                       | 2KUE6                                   | —                                     | 2CKC7                                     | —                                     |
| 3 1/2 in                         | 3 1/2 in          | 3 1/2 in                               | —                                       | 2KUD4                                   | —                                       | 2KUE7                                   | —                                     | 2CKC8                                     | —                                     |
| 4 in                             | 4 in              | 4 in                                   | —                                       | 2KUD5                                   | —                                       | 2KUA2                                   | —                                     | 2CKC9                                     | —                                     |
| <b>Pre-Slit/Pre Glued, Black</b> |                   |  |   |   |   |   |                                       |   |                                       |
| 3/8 in                           | 3/8 in            | 3/8 in                                 | —                                       | 2CKE7                                   | —                                       | 2CKG5                                   | —                                     | 2CKJ7                                     | —                                     |
| 1/2 in                           | 1/2 in            | 1/2 in                                 | —                                       | 2CKE8                                   | —                                       | 2CKG6                                   | —                                     | 2CKJ8                                     | —                                     |
| 3/4 in                           | 3/4 in            | 3/4 in                                 | —                                       | 2CKE9                                   | —                                       | 2CKG7                                   | —                                     | 2CKJ9                                     | —                                     |
| 1 in                             | 1 in              | 1 in                                   | —                                       | 2CKF1                                   | —                                       | 2CKG8                                   | —                                     | 2CKK1                                     | —                                     |
| 1 1/8 in                         | 1 1/8 in          | 1 1/8 in                               | —                                       | 2CKF2                                   | —                                       | 2CKG9                                   | —                                     | 2CKK2                                     | —                                     |
| 2 in                             | 2 in              | 2 in                                   | —                                       | 2CKF3                                   | —                                       | 2CKH1                                   | —                                     | 2CKK3                                     | —                                     |
| 2 1/2 in                         | 2 1/2 in          | 2 1/2 in                               | —                                       | 2CKF4                                   | —                                       | 2CKH2                                   | —                                     | 2CKK4                                     | —                                     |
| 3 in                             | 3 in              | 3 in                                   | —                                       | 2CKF5                                   | —                                       | 2CKH3                                   | —                                     | 2CKK5                                     | —                                     |
| 3 1/2 in                         | 3 1/2 in          | 3 1/2 in                               | —                                       | 2CKF6                                   | —                                       | 2CKH4                                   | —                                     | 2CKK6                                     | —                                     |
| 4 in                             | 4 in              | 4 in                                   | —                                       | 2CKF7                                   | —                                       | 2CKH5                                   | —                                     | 2CKK7                                     | —                                     |

| Insulation<br>Nominal<br>I.D.    | Fits<br>Tube Size | Fits Pipe<br>Size - Pipe<br>Insulation | 1/4 in Wall<br>Thickness<br>Item<br>No. | 3/8 in Wall<br>Thickness<br>Item<br>No. | 1/2 in Wall<br>Thickness<br>Item<br>No. | 3/4 in Wall<br>Thickness<br>Item<br>No. | 1 in Wall<br>Thickness<br>Item<br>No. | 1 1/2 in Wall<br>Thickness<br>Item<br>No. | 2 in Wall<br>Thickness<br>Item<br>No. |
|----------------------------------|-------------------|--|---|---|---|---|---------------------------------------|---|---------------------------------------|
| 2 in                             | 2 in              | 2 in                                   | —                                       | 2CKF8                                   | —                                       | 2CKH6                                   | —                                     | 2CKK8                                     | —                                     |
| 2 1/2 in                         | 2 1/2 in          | 2 1/2 in                               | —                                       | 2CKF9                                   | —                                       | 2CKH7                                   | —                                     | 2CKK9                                     | —                                     |
| 3 in                             | 3 in              | 3 in                                   | —                                       | 2CKG1                                   | —                                       | 2CKH8                                   | —                                     | 2CKL1                                     | —                                     |
| 3 1/2 in                         | 3 1/2 in          | 3 1/2 in                               | —                                       | 2CKG2                                   | —                                       | 2CKH9                                   | —                                     | 2CKL2                                     | —                                     |
| 4 in                             | 4 in              | 4 in                                   | —                                       | 2CKG3                                   | —                                       | 2CKJ1                                   | —                                     | 2CKL3                                     | —                                     |
| 4 1/2 in                         | 4 1/2 in          | 4 1/2 in                               | —                                       | 2CKG4                                   | —                                       | 2CKJ2                                   | —                                     | 2CKL4                                     | —                                     |
| 5 in                             | 5 in              | 5 in                                   | —                                       | —                                       | —                                       | 2CKJ3                                   | —                                     | 2CKL5                                     | —                                     |
| 5 1/2 in                         | 5 1/2 in          | 5 1/2 in                               | —                                       | —                                       | —                                       | 2CKJ4                                   | —                                     | 2CKL6                                     | —                                     |
| 6 in                             | 6 in              | 6 in                                   | —                                       | —                                       | —                                       | 2CKJ5                                   | —                                     | 2CKL7                                     | —                                     |
| 6 1/2 in                         | 6 1/2 in          | 6 1/2 in                               | —                                       | —                                       | —                                       | 2CKJ6                                   | —                                     | 2CKL8                                     | —                                     |
| <b>Insulation Sheet, Black</b>   |                   |  |   |   |   |   |                                       |   |                                       |
| Insulation<br>Nominal<br>I.D.    | Fits<br>Tube Size | Fits Pipe<br>Size - Pipe<br>Insulation | 1/4 in Wall<br>Thickness<br>Item<br>No. | 3/8 in Wall<br>Thickness<br>Item<br>No. | 1/2 in Wall<br>Thickness<br>Item<br>No. | 3/4 in Wall<br>Thickness<br>Item<br>No. | 1 in Wall<br>Thickness<br>Item<br>No. | 1 1/2 in Wall<br>Thickness<br>Item<br>No. | 2 in Wall<br>Thickness<br>Item<br>No. |
| <b>Pre-Slit/Pre Glued, White</b> |                   |  |   |   |   |   |                                       |   |                                       |
| 3/8 in                           | 3/8 in            | 3/8 in                                 | —                                       | 4DHN3                                   | —                                       | 4DHP1                                   | —                                     | 4NLN6                                     | —                                     |
| 1/2 in                           | 1/2 in            | 1/2 in                                 | —                                       | 4DHN4                                   | —                                       | 4DHP2                                   | —                                     | 4NLN7                                     | —                                     |
| 3/4 in                           | 3/4 in            | 3/4 in                                 | —                                       | 4DHN5                                   | —                                       | 4DHP3                                   | —                                     | 4NLN8                                     | —                                     |
| 1 in                             | 1 in              | 1 in                                   | —                                       | 4DHN6                                   | —                                       | 4DHP4                                   | —                                     | —   | —                                     |
| 1 1/8 in                         | 1 1/8 in          | 1 1/8 in                               | —                                       | 4DHN7                                   | —                                       | —                                       | —                                     | —   | —                                     |
| 2 in                             | 2 in              | 2 in                                   | —                                       | 4DHN8                                   | —                                       | —                                       | —                                     | —   | —                                     |



## Insul-Sheet S2S Insulation

- Temp. range: -297° to 220°F
  - Environmentally friendly; CFC-free
- Insulates ductwork, pipes, fittings, and tanks. Highly flexible with a durable skin that resists solvents and chemicals. Smooth surfaces improve adhesive coverage.

### PSA BACKING

Peel-and-stick backing allows fast installation; eliminates adhesive-related spills, VOCs, and odors.



4VZR5

| Wall Thickness<br>- Insulation | Insulation<br>Sheet Size | Insulation<br>Approx. R Value | PSA<br>Backing<br>Item<br>No. | Skin on<br>Two Sides<br>Item<br>No. |
|--------------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------------|
| 1/2 in                         | 36 in x 48 in            | 2.0                           | 4VZR5                         | 3F414                               |
| 3/4 in                         | 36 in x 48 in            | 3.0                           | 4VZR6                         | 3F415                               |
| 1 in                           | 36 in x 48 in            | 4.0                           | 4VZR7                         | 3F416                               |



## Contact Adhesives

Air dry to form a resilient, moisture-resistant bond in 3 to 4 min. under normal conditions. Excellent for joining seams and butt joints of Insul-Tube® and Insul-Sheet®. 3F417 can also be used with Therma-Cel®.

3F417



| Color | Size  | Temp.<br>Range (F) | Mfr.<br>Model | Item<br>No. |
|-------|-------|--------------------|---------------|-------------|
| Amber | 1 pt. | Up to 200°         | 800-320-PTB   | 3F417       |
| Black | 1 pt. | Up to 200°         | 800-620-PTB   | 4VZR8       |