

**Kuri Tec®**

**Series A4143  
Medium Pressure  
Paint Fluid Transfer Hose**

Lightweight polyethylene-lined rubber blend hose that is the ideal choice for handling paint and paint-related products in a variety of applications.

**Construction:**

- Tube — Co-extruded blue LLDPE/rubber blend.
- Reinforcement — High tensile strength yarn.
- Cover — Black rubber blend compound; Branded “Paint Fluid”.

**Features:**

- Excellent resistance to paint fluids, lacquers and solvents . . . see chemical resistance chart, referring to both core and cover materials, on Page 66.
- Excellent flexibility.
- Lightweight.
- Silicone-free.

- One-piece lengths.
- Compatible with popular spray fittings, such as Binks and DeVilbiss.
- Excellent cold weather properties.
- RoHS<sup>(16)</sup> compliant.

**Applications:**

- Lower pressure transfer of enamels, lacquers and other finishes.
- Robotic paint spraying equipment.
- Manual paint spraying.
- Spraying of automobile “rustproofing” fluids.
- Low temperature transfer of chemicals.

**Service Temperature Range: -40°F (-40°C) to +125°F (+52°C)**

**Nominal Specifications**

| Series No. | Size Code | Nominal ID |      | Nominal OD |      | Max. Working Pressure† (PSI) |               | Standard Length |             | Approx. Wt. per Pkg. |            |
|------------|-----------|------------|------|------------|------|------------------------------|---------------|-----------------|-------------|----------------------|------------|
|            |           | (In)       | (mm) | (In)       | (mm) | @70°F (20°C)                 | @122°F (50°C) | Reel            | Coil        | Reel                 | Coil       |
| A4143      | 04        | 1/4        | 6.5  | .500       | 12.7 | 175                          | 85            | 500 ft.         | 100 ft.     | 36 lbs.              | 7 lbs.     |
| A4143      | 06        | 3/8        | 9.5  | .690       | 17.3 | 175                          | 85            | 500 ft.         | 100 ft.     | 60 lbs.              | 12 lbs.    |
| A4143      | 08        | 1/2        | 12.7 | .875       | 22.2 | 175                          | 85            | 500 ft.         | 100 ft.     | 93 lbs.              | 18 lbs.    |
| A4143      | 12        | 3/4        | 19.0 | 1.188      | 30.2 | 150                          | 75            | —               | 300/100 ft. | —                    | 85/28 lbs. |
| A4143      | 16        | 1          | 25.4 | 1.500      | 38.1 | 125                          | 60            | —               | 200/100 ft. | —                    | 86/43 lbs. |

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Compatible with popular spray fittings, such as Binks and DeVilbiss.

**CAUTION: NOT FOR USE WITH HOT PAINT. DO NOT EXCEED TEMPERATURE OF 125°F (+52°C).  
WARNING: IMMERSION OF THE HOSE IN SOLVENTS FOR AN EXTENDED PERIOD OF TIME IS NOT RECOMMENDED DUE TO POTENTIAL SWELLING OF THE HOSE JACKET.**

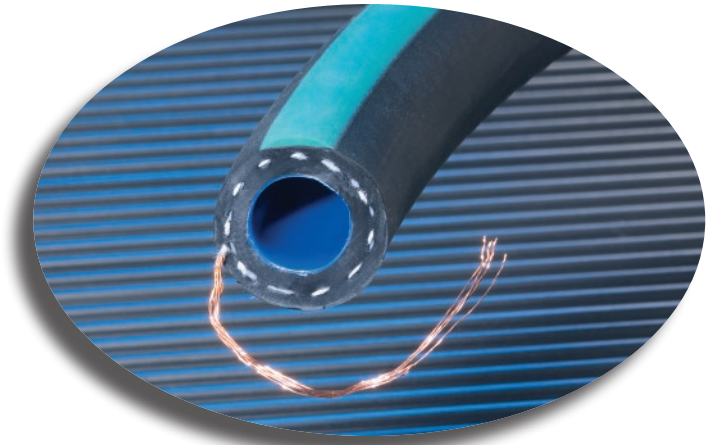
NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

**RoHS<sup>(16)</sup>**

Please refer to the back page for the location of your nearest warehouse for availability of products/sizes shown.

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## Series A4143S (with Static Wire) Medium Pressure Paint Fluid Transfer Hose



Lightweight polyethylene-lined rubber blend hose that is the ideal choice for handling paint and paint-related products in a variety of applications.

### Construction:

- Tube — Co-extruded blue LLDPE/rubber blend.
- Static wire — Embedded copper wire for static conductivity (see note below).‡
- Reinforcement — High tensile strength yarn.
- Cover — Black rubber blend compound; Branded “Paint Fluid”.

### Features:

- Excellent resistance to paint fluids, lacquers and solvents... see chemical resistance chart, referring to both core and cover materials, on Page 66.
- Excellent flexibility.
- Lightweight.

- Silicone-free.
- One-piece lengths.
- Compatible with popular spray fittings, such as Binks and DeVilbiss.
- Excellent cold weather properties.
- Static conductivity.
- RoHS<sup>(16)</sup> compliant.

### Applications:

- Lower pressure transfer of enamels, lacquers and other finishes.
- Robotic paint spraying equipment.
- Manual paint spraying.
- Spraying of automobile “rustproofing” fluids.
- Low temperature transfer of chemicals.

Service Temperature Range: -40°F (-40°C) to +125°F (+52°C)

### Nominal Specifications

| Series No. | Size Code | Nominal ID |      | Nominal OD |      | Max. Working Pressure† (PSI) |               | Standard Length |             | Approx. Wt. per Pkg. |            |
|------------|-----------|------------|------|------------|------|------------------------------|---------------|-----------------|-------------|----------------------|------------|
|            |           | (In)       | (mm) | (In)       | (mm) | @70°F (20°C)                 | @122°F (50°C) | Reel            | Coil        | Reel                 | Coil       |
| A4143S     | 04        | 1/4        | 6.5  | .500       | 12.7 | 175                          | 85            | 500 ft.         | 100 ft.     | 36 lbs.              | 7 lbs.     |
| A4143S     | 06        | 3/8        | 9.5  | .690       | 17.3 | 175                          | 85            | 500 ft.         | 100 ft.     | 60 lbs.              | 12 lbs.    |
| A4143S     | 08        | 1/2        | 12.7 | .875       | 22.2 | 175                          | 85            | 500 ft.         | 100 ft.     | 93 lbs.              | 18 lbs.    |
| A4143S     | 12        | 3/4        | 19.0 | 1.188      | 30.2 | 150                          | 75            | —               | 300/100 ft. | —                    | 85/28 lbs. |
| A4143S     | 16        | 1          | 25.4 | 1.500      | 38.1 | 125                          | 60            | —               | 200/100 ft. | —                    | 86/43 lbs. |

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Compatible with popular spray fittings, such as Binks and DeVilbiss.

‡ Caution: This product is designed to dissipate static electricity when the metal wire is properly grounded through the fitting or by other means.

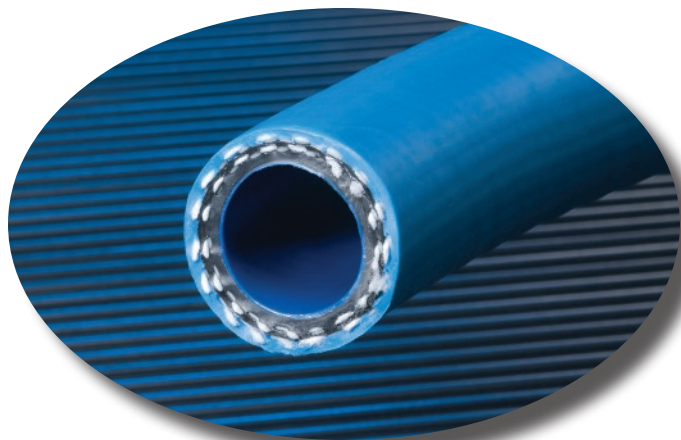
**CAUTION: NOT FOR USE WITH HOT PAINT. DO NOT EXCEED TEMPERATURE OF 125°F (+52°C).  
WARNING: IMMERSION OF THE HOSE IN SOLVENTS FOR AN EXTENDED PERIOD OF TIME  
IS NOT RECOMMENDED DUE TO POTENTIAL SWELLING OF THE HOSE JACKET.**

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**RoHS<sup>(16)</sup>**

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**Kuri Tec®**

## Series A4086 High Pressure Polyethylene Rubber Blend Reinforced Chemical Spray & Transfer Hose

A premium chemical spray and transfer hose for applications requiring greater chemical-resistance . . . excellent for high pressure tree and orchard spraying, as well as paint, solvent and chemical transfer.

**Construction:**

- Tube — Co-extruded blue LLDPE/rubber blend.
- Reinforcement — High tensile strength yarn . . . two-pass spiral construction.
- Cover — Blue rubber blend compound.

**Features:**

- Excellent chemical-resistance.
- Extremely light weight.
- Excellent low temperature properties.
- Pin-pricked cover vents vapor . . . helps prevent ballooning.

- Silicone-free.
- RoHS<sup>(16)</sup> compliant.

**Applications:**

- For use in applications where additional chemical resistance is required . . . see chemical resistance chart, referring to both core and cover materials, on Page 66.
- High pressure tree, orchard and vineyard spraying.
- Concrete curing and spraying.
- Paint and solvent transfer.
- Chemical transfer.



Service Temperature Range: -40°F (-40°C) to +130°F (+54°C)

### Nominal Specifications

| Series No. | Size Code | Nominal ID |      | Nominal OD |      | Max. Working Pressure† (PSI) |                | Standard Length Coils | Approx. Wt. per Pkg. |
|------------|-----------|------------|------|------------|------|------------------------------|----------------|-----------------------|----------------------|
|            |           | (In)       | (mm) | (In)       | (mm) | @ 70°F (20°C)                | @ 122°F (20°C) |                       |                      |
| A4086      | 06        | 3/8        | 9.5  | .688       | 17.5 | 800                          | 300            | 300/100 ft.           | 33/11 lbs.           |
| A4086      | 08        | 1/2        | 12.7 | .840       | 21.3 | 800                          | 300            | 300/100 ft.           | 45/15 lbs.           |
| A4086      | 12        | 3/4        | 19.1 | 1.140      | 29.0 | 800                          | 250            | 300/100 ft.           | 72/24 lbs.           |
| A4086      | 16        | 1          | 25.4 | 1.400      | 35.6 | 400                          | 125            | 200/100 ft.           | 65/33 lbs.           |

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

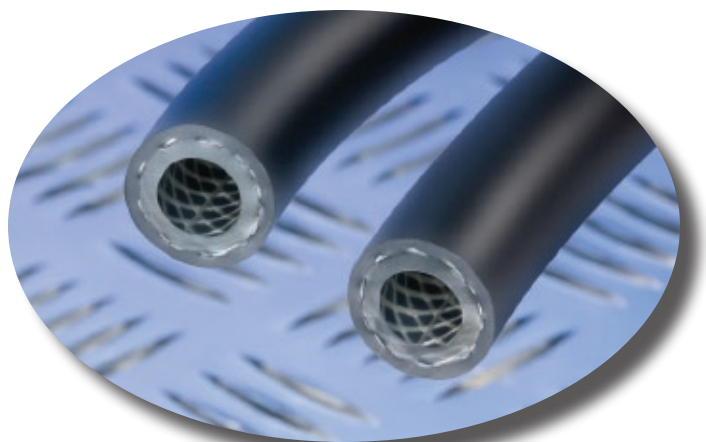
Note: Use of hydraulic or reusable-type fittings are not recommended for coupling Kuri Tec® hose products. Hose claims involving use of these fittings will be disallowed.

NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

**RoHS<sup>(16)</sup>**

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# Kuri Tec®

## Series A1243 Non-Toxic PVC Air Breathing Hose

A specially-designed non-toxic air breathing hose that provides low temperature flexibility and low odor.

### Construction:

- Tube — Clear PVC compound, formulated in compliance with FDA<sup>(03)</sup> and RoHS<sup>(16)</sup> requirements.
- Reinforcement — High tensile strength yarn.
- Cover — Non-toxic, U. V. and weather resistant black PVC compound.

### Features:

- Good low temperature flexibility.
- Low odor, compared with traditional rubber hose.
- Heavy wall construction matches the dimensions of rubber hose.

- Light-wall version available (1/4" size).
- One-piece lengths.
- Hose meets NIOSH<sup>(14)</sup> requirements for Type C respirator.

### Applications:

- General Type C air supply lines.
- Paint spray booths.
- Indoor, in-plant air service.
- Outdoor, open air service.

Service Temperature Range: -15°F (-26°C) to +150°F (+65°C)

### Nominal Specifications

| Series No. | Size Code | Nominal ID |      | Nominal OD |      | Max. Working Pressure† (PSI) |                | Standard Length Coils | Approx. Wt. per Pkg. |
|------------|-----------|------------|------|------------|------|------------------------------|----------------|-----------------------|----------------------|
|            |           | (In)       | (mm) | (In)       | (mm) | @ 70°F (20°C)                | @ 122°F (50°C) |                       |                      |
| A1243H     | 04        | 1/4        | 6.5  | .625       | 15.9 | 250                          | 150            | 300 ft.               | 42 lbs.              |
| A1243      | 04        | 1/4        | 6.5  | .500       | 12.7 | 250                          | 150            | 500 ft.               | 40 lbs.              |
| A1243H     | 06        | 3/8        | 9.5  | .688       | 17.5 | 250                          | 150            | 300 ft.               | 43 lbs.              |
| A1243H     | 08        | 1/2        | 12.7 | .840       | 21.3 | 250                          | 150            | 300 ft.               | 66 lbs.              |

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

NOTE: NIOSH only certifies complete breathing respirators and does not issue certifications on individual components, such as hoses. All replacement hoses for NIOSH-certified apparatus must have prior NIOSH certification as a part of that unit.

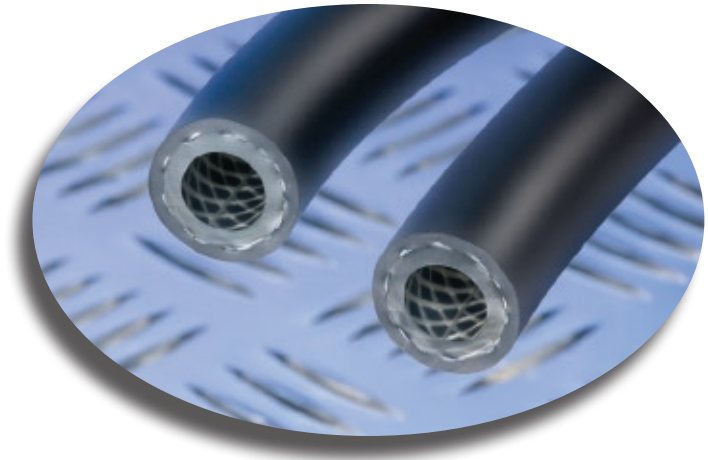
NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

**FDA<sup>(03)</sup>, NIOSH<sup>(14)</sup>, RoHS<sup>(16)</sup>**

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## Series A1263 Low Temperature Non-Toxic PVC Air Breathing Hose



This specially-designed non-toxic/low odor air breathing hose provides air service in extreme low temperature conditions.

### Construction:

- Tube — Clear PVC compound, formulated in compliance with FDA<sup>(03)</sup> and RoHS<sup>(16)</sup> requirements.
- Reinforcement — High tensile strength yarn.
- Cover — Non-toxic, U. V. and weather resistant black PVC compound.

### Features:

- Provides increased low temperature flexibility versus Series A1243 hose.
- Low odor, compared with traditional rubber hose.
- Heavy wall construction matches the dimensions of rubber hose.

- One-piece lengths.
- Hose meets NIOSH<sup>(14)</sup> requirements for Type C respirator.

### Applications:

- Outdoor, open air service in extreme low temperature conditions.
- General Type C air supply lines.
- Paint spray booths.
- Indoor, in-plant air service.

Service Temperature Range: -40°F (-40°C) to +150°F (+65°C)

### Nominal Specifications

| Series No. | Size Code | Nominal ID |      | Nominal OD |      | Max. Working Pressure† (PSI) |                | Standard Length Coils | Approx. Wt. per Pkg. |
|------------|-----------|------------|------|------------|------|------------------------------|----------------|-----------------------|----------------------|
|            |           | (In)       | (mm) | (In)       | (mm) | @ 70°F (20°C)                | @ 122°F (50°C) |                       |                      |
| A1263      | 04        | 1/4        | 6.5  | .585       | 14.9 | 300                          | 180            | 500 ft.               | 64 lbs.              |
| A1263      | 06        | 3/8        | 9.5  | .720       | 18.3 | 300                          | 180            | 300 ft.               | 52 lbs.              |

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

NOTE: NIOSH only certifies complete breathing respirators and does not issue certifications on individual components, such as hoses. All replacement hoses for NIOSH-certified apparatus must have prior NIOSH certification as a part of that unit.

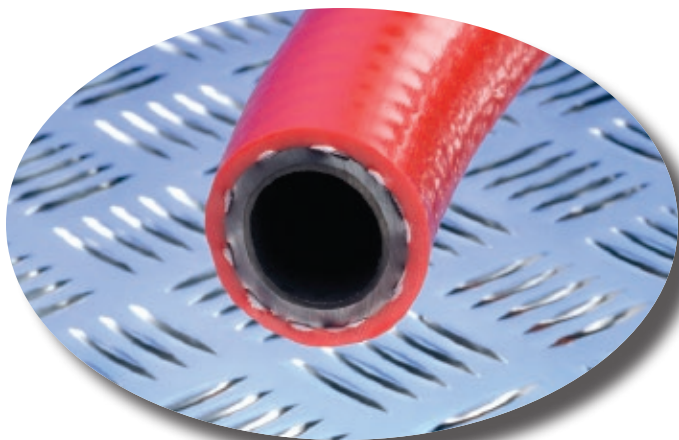
NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

**FDA<sup>(03)</sup>, NIOSH<sup>(14)</sup>, RoHS<sup>(16)</sup>**

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# Kuri Tec®

## Series A4164 Conductive PVC Air Hose with PVC Cover

Uniquely different PVC air hose that prevents static build-up without the need of a static wire.

### Construction:

- Tube — Co-extruded electrically-conductive PVC.
- Reinforcement — Spiral polyester yarn.
- Cover — Red weather resistant PVC.

### Features:

- Continuous flexible conductive liner assures contact with fittings, without special preparation or clamping techniques.
- No wires to break when the hose is flexed.
- Distinctive color and branding allows easy identification.
- Silicone-free.
- One-piece lengths.
- Branded as “Conductive Air”.
- Non-marking non-perforated cover.

### Applications:

- In-plant air service where static dissipation is required.
- Air lines for painting equipment.
- Applications requiring the use of grounded pneumatic tools.

### Electrical Data:

- Resistance is less than 100,000 ohms per foot when tested with an ohmmeter, with normal open-circuit output voltage of 500 VDC.
- Note: Conductivity is through the inner liner only. To dissipate static electricity, the hose must be fitted with a grounded conductive coupling. When measured through the wall of the hose, the product demonstrates electrical insulation.

Service Temperature Range: +14° F (-10° C) to +150° F (+65° C)

### Nominal Specifications

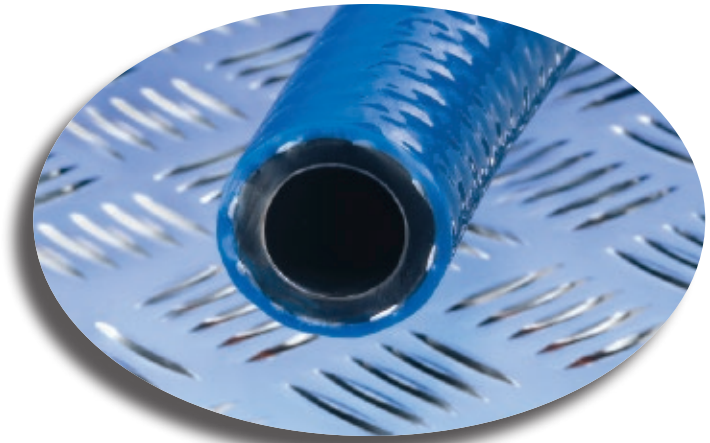
| Series No. | Size Code | Nominal ID |      | Nominal OD |      | Max. Working Pressure† (PSI) |                | Standard Length Coils |         | Approx. Wt. per Pkg. |         |
|------------|-----------|------------|------|------------|------|------------------------------|----------------|-----------------------|---------|----------------------|---------|
|            |           | (In)       | (mm) | (In)       | (mm) | @ 70°F (20°C)                | @ 122°F (50°C) | Reel                  | Coil    | Reel                 | Coil    |
| A4164      | 04        | 1/4        | 6.5  | .500       | 12.7 | 300                          | 180            | 500 ft.               | 100 ft. | 44 lbs.              | 8 lbs.  |
| A4164      | 06        | 3/8        | 9.5  | .625       | 15.9 | 300                          | 180            | 500 ft.               | 100 ft. | 58 lbs.              | 11 lbs. |
| A4164      | 08        | 1/2        | 12.7 | .813       | 20.7 | 300                          | 180            | 500 ft.               | 100 ft. | 93 lbs.              | 18 lbs. |

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

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## Series A4176 Conductive PVC Air Hose with Polyurethane Cover



Uniquely different PVC air hose that prevents static build-up without the need of a static wire.

### Construction:

- Tube — Co-extruded electrically-conductive PVC.
- Reinforcement — Spiral polyester yarn.
- Cover — Blue polyurethane for superior abrasion resistance.

### Features:

- Continuous flexible conductive liner assures contact with fittings, without special preparation or clamping techniques.
- No wires to break when the hose is flexed.
- Distinctive color and branding allows easy identification.
- Silicone-free.
- One-piece lengths.
- Branded as “Conductive Air”.

- Excellent chemical and abrasion resistance afforded by polyurethane cover.
- Non-marking non-perforated cover.

### Applications:

- In-plant air service where static dissipation is required.
- Air lines for painting equipment.
- Applications requiring the use of grounded pneumatic tools.

### Electrical Data:

- Resistance is less than 100,000 ohms per foot when tested with an ohmmeter, with normal open-circuit output voltage of 500 VDC.
- Note: Conductivity is through the inner liner only. To dissipate static electricity, the hose must be fitted with a grounded conductive coupling. When measured through the wall of the hose, the product demonstrates electrical insulation.

Service Temperature Range: +14° F (-10° C) to +150° F (+65° C)

### Nominal Specifications

| Series No. | Size Code | Nominal ID |      | Nominal OD |      | Max. Working Pressure† (PSI) |                | Standard Length Coils |         | Approx. Wt. per Pkg. |         |
|------------|-----------|------------|------|------------|------|------------------------------|----------------|-----------------------|---------|----------------------|---------|
|            |           | (In)       | (mm) | (In)       | (mm) | @ 70°F (20°C)                | @ 122°F (50°C) | Reel                  | Coil    | Reel                 | Coil    |
| A4176      | 04        | 1/4        | 6.5  | .500       | 12.7 | 300                          | 180            | 500 ft.               | 100 ft. | 44 lbs.              | 8 lbs.  |
| * A4176    | 06        | 3/8        | 9.5  | .625       | 15.9 | 300                          | 180            | 500 ft.               | 100 ft. | 58 lbs.              | 11 lbs. |
| A4176      | 08        | 1/2        | 12.7 | .813       | 20.7 | 300                          | 180            | 500 ft.               | 100 ft. | 93 lbs.              | 18 lbs. |

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

\*Non stock item.

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