

# Marine



|   | Page    | SAE | USCG | Hardwall | Softwall |
|---|---------|-----|------|----------|----------|
| Flexshield™ Marine Barrier Hose<br>USCG/SAE J1527 & ISO 7840 Type A1-15 | 108     | Yes | Yes  |          |          |
| Marine Fuel Feed Vent Hose USCG/SAE J1527 Type A2                       | 109     | Yes | Yes  |          |          |
| Marine Fuel Feed Vent Hose USCG/SAE J1527 Type B2                       | 110     | Yes | Yes  |          |          |
| Marine Fuel Line USCG/SAE J1527 & ISO 7840 Type A1                      | 107     | Yes | Yes  |          |          |
| Plicord® Hardwall Wet Exhaust   | 103-104 |     | Yes  | Yes      |          |
| Plicord® SAE J1527 Type A2 (fuel fill)                                  | 102     | Yes | Yes  | Yes      |          |
| Plicord® Softwall Wet Exhaust   | 105-106 |     | Yes  |          | Yes      |

Air & Multipurpose  
General Purpose  
Heavy Duty  
Push-on

Chemical Transfer

Cleaning Equipment

Food  
Transfer  
Washdown

Marine

Material Handling  
Abrasives  
Bulk Transfer  
Cement & Concrete

Mining

Petroleum  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

Spray

Steam

Vacuum

LPG Delivery

Water  
Discharge  
Suction & Discharge  
Washdown

Welding

Coupling Systems

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Appendix

# Plicord® SAE J1527 Type A2 Fuel Fill



## Product Specifications

### Application

The Plicord® SAE J1527 Type A2, ISO 7840 and CE Fuel Fill hose is for marine gasoline tanks. It is the connection from the boat's fuel fill port down to the boat's fuel tank.

### Construction Tube

Nitrile synthetic rubber RMA Class A (High Oil Resistance)

### Cover

Chemivic™ synthetic rubber (wrapped impression)

### Reinforcement

Spiral-plied synthetic fabric with wire helix

### Temperature Range

-20°F to 180°F (-29°C to 82°C)

### Packaging

50' exact length, coiled, and polywrapped

### Branding

Example: Continental ContiTech SAE J1527, USCG Type A2, ISO 7840

### Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Order Codes

543-414

## Plicord® SAE J1527 Type A2

| SAP #    | ID  |      | Nom. OD |      | Max. WP |      | Vacuum HG |     | Weight  |      |
|----------|-----|------|---------|------|---------|------|-----------|-----|---------|------|
| Black    | in. | mm   | in.     | mm   | psi     | MPa  | in.       | mm  | lb./ft. | kg/m |
| 20050850 | 1¼  | 31.8 | 1.70    | 43.2 | 100     | 0.69 | 29        | 737 | 0.68    | 1.01 |
| 20017852 | 1½  | 38.0 | 1.86    | 47.1 | 100     | 0.69 | 29        | 737 | 0.65    | 0.97 |
| 20017855 | 1⅞  | 47.6 | 2.30    | 58.4 | 100     | 0.69 | 29        | 737 | 0.96    | 1.43 |
| 20095640 | 2   | 50.8 | 2.43    | 61.7 | 50      | 0.34 | 29        | 737 | 1.01    | 1.50 |
| 20017857 | 2⅜  | 69.9 | 2.80    | 71.1 | 50      | 0.34 | 29        | 737 | 1.19    | 1.77 |

Air & Multipurpose  
General Purpose  
Heavy Duty  
Push-on

Chemical Transfer

Cleaning Equipment

Food  
Transfer  
Washdown

Marine

Material Handling  
Abrasives  
Bulk Transfer  
Cement & Concrete

Mining

Petroleum  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

Spray

Steam

Vacuum

LPG Delivery

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Appendix

# Plicord® Hardwall Wet Exhaust



## Product Specifications

### Application

For water suction and discharge applications including: engine intake, bilge exhaust, toilet, holding tank and scupper lines. Also for industrial water suction and discharge applications where unique sizes are required to fit over pipe. Does not meet SAE J2006 R2 Spec.\*

### Construction Tube

Black Nitrile synthetic rubber RMA Class A (High Oil Resistance)

### Cover

Black SBR synthetic rubber (wrapped impression)

### Reinforcement

Spiral-plied synthetic fabric with wire helix

### Temperature Range

-20°F to 180°F (-29°C to 82°C)

### Packaging

1/2"-5 1/2" - 50' exact length, coiled and polywrapped  
6"-8" - 25' exact length, polywrapped

### Branding (Spiral)

Example: Industrial ORS/Wet Exhaust Continental ContiTech

### Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Order Codes

543-193 (<6")  
541-193 (>6")

\*Spec 542-812 (<6") and 541-812 (>6") meet the SAE J2006 R2 Spec but the tube is non-oil resistant (Class C Oil Resistance)

|                        |
|------------------------|
| Air & Multipurpose     |
| General Purpose        |
| Heavy Duty             |
| Push-on                |
| Chemical Transfer      |
| Cleaning Equipment     |
| Food Transfer Washdown |
| Marine                 |
| Material Handling      |
| Abrasives              |
| Bulk Transfer          |
| Cement & Concrete      |
| Mining                 |
| Petroleum              |
| Aircraft Fueling       |
| Dispensing             |
| Dock Transfer          |
| Spray                  |
| Steam                  |
| Vacuum                 |
| LPG Delivery           |
| Water                  |
| Discharge              |
| Suction & Discharge    |
| Washdown               |
| Welding                |
| Coupling Systems       |
| Equipment              |
| Appendix               |

**Plicord® Hardwall Wet Exhaust**

| SAP #    | ID  | Nom. OD |      | Max. WP |     | Bend Radius |     | Vacuum HG |     | Weight |         |       |
|----------|-----|---------|------|---------|-----|-------------|-----|-----------|-----|--------|---------|-------|
| Black    | in. | mm      | in.  | mm      | psi | MPa         | in. | mm        | in. | mm     | lb./ft. | kg/m  |
| 20142763 | 1/2 | 12.7    | 0.95 | 24.3    | 250 | 1.72        | 2   | 51        | 29  | 737    | 0.35    | 0.52  |
| 20149571 | 5/8 | 15.9    | 1.07 | 27.3    | 200 | 1.38        | 2   | 51        | 29  | 737    | 0.40    | 0.59  |
| 20133706 | 3/4 | 19.0    | 1.19 | 30.4    | 200 | 1.38        | 3   | 76        | 29  | 737    | 0.46    | 0.68  |
| 20142765 | 7/8 | 22.2    | 1.32 | 33.5    | 200 | 1.38        | 3   | 76        | 29  | 737    | 0.52    | 0.77  |
| 20129126 | 1   | 25.4    | 1.44 | 36.6    | 150 | 1.03        | 3   | 76        | 29  | 737    | 0.57    | 0.84  |
| 20138386 | 1⅝  | 28.6    | 1.58 | 40.3    | 150 | 1.03        | 4   | 102       | 29  | 737    | 0.64    | 0.95  |
| 20107682 | 1¾  | 31.8    | 1.70 | 43.3    | 150 | 1.03        | 4   | 102       | 29  | 737    | 0.70    | 1.04  |
| 20123332 | 1⅞  | 34.9    | 1.82 | 46.3    | 125 | 0.86        | 4   | 102       | 29  | 737    | 0.75    | 1.11  |
| 20123383 | 1½  | 38.1    | 1.94 | 49.3    | 100 | 0.69        | 4   | 102       | 29  | 737    | 0.81    | 1.20  |
| 20142751 | 1⅝  | 41.3    | 2.07 | 52.8    | 100 | 0.69        | 4   | 102       | 29  | 737    | 0.87    | 1.29  |
| 20123333 | 1¾  | 44.4    | 2.22 | 56.4    | 100 | 0.69        | 4   | 102       | 29  | 737    | 0.94    | 1.40  |
| 20105482 | 1⅞  | 47.6    | 2.33 | 59.3    | 100 | 0.69        | 6   | 152       | 29  | 737    | 0.99    | 1.47  |
| 20123384 | 2   | 50.8    | 2.44 | 62.4    | 75  | 0.52        | 6   | 152       | 29  | 737    | 1.05    | 1.56  |
| 20107683 | 2⅝  | 54.0    | 2.59 | 65.8    | 75  | 0.52        | 6   | 152       | 29  | 737    | 1.11    | 1.65  |
| 20138387 | 2¼  | 57.1    | 2.70 | 68.6    | 75  | 0.52        | 6   | 152       | 29  | 737    | 1.16    | 1.72  |
| 20140304 | 2⅜  | 60.3    | 2.83 | 72.1    | 75  | 0.52        | 8   | 203       | 29  | 737    | 1.22    | 1.81  |
| 20107684 | 2½  | 63.5    | 3.02 | 76.8    | 75  | 0.52        | 8   | 203       | 29  | 737    | 1.57    | 2.33  |
| 20135126 | 2¾  | 69.8    | 3.28 | 83.3    | 50  | 0.34        | 8   | 203       | 29  | 737    | 1.72    | 2.56  |
| 20139655 | 2⅞  | 73.0    | 3.40 | 86.5    | 50  | 0.34        | 8   | 203       | 29  | 737    | 1.79    | 2.66  |
| 20123334 | 3   | 76.2    | 3.51 | 89.1    | 50  | 0.34        | 10  | 254       | 29  | 737    | 1.77    | 2.63  |
| 20107686 | 3⅝  | 79.4    | 3.66 | 93.0    | 50  | 0.34        | 10  | 254       | 29  | 737    | 1.86    | 2.77  |
| 20135127 | 3½  | 88.9    | 4.05 | 103.0   | 50  | 0.34        | 10  | 254       | 29  | 737    | 2.07    | 3.08  |
| 20142764 | 4   | 101.6   | 4.53 | 115.2   | 50  | 0.34        | 12  | 305       | 29  | 737    | 2.45    | 3.65  |
| 20278423 | 4½  | 114.3   | 5.10 | 129.7   | 30  | 0.21        | 14  | 356       | 29  | 737    | 3.47    | 5.17  |
| 20274816 | 5   | 127.0   | 5.61 | 142.5   | 30  | 0.21        | 24  | 610       | 29  | 737    | 3.83    | 5.70  |
| 20183338 | 6   | 152.4   | 6.67 | 169.4   | 30  | 0.21        | 30  | 762       | 29  | 737    | 5.19    | 7.73  |
| 20344004 | 6⅝  | 168.3   | 7.49 | 190.4   | 30  | 0.21        | 36  | 914       | 29  | 737    | 7.93    | 11.80 |
| 20183339 | 8   | 203.2   | 8.87 | 225.4   | 30  | 0.21        | 44  | 1118      | 29  | 737    | 8.92    | 13.20 |

**Air & Multipurpose**  
General Purpose  
Heavy Duty  
Push-on

Chemical Transfer

Cleaning Equipment

**Food**  
Transfer  
Washdown

Marine

**Material Handling**  
Abrasives  
Bulk Transfer  
Cement & Concrete

Mining

**Petroleum**  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

Spray

Steam

Vacuum

LPG Delivery

**Water**  
Discharge  
Suction & Discharge  
Washdown

Welding

Coupling Systems

Equipment

Appendix

# Plicord® Softwall Wet Exhaust



## Product Specifications

### Application

For water discharge applications for engines, toilets, scuppers and bilge pumps. Will not pant. Does not meet SAE J2006 R1 Spec.\*

### Construction Tube

Black Nitrile synthetic rubber RMA Class A (High Oil Resistance)

### Cover

Black Chemivic™ synthetic rubber (wrapped impression)

### Reinforcement

Spiral-ply synthetic fabric

### Temperature Range

-20°F to 180°F (-29°C to 82°C)

### Packaging

25' exact lengths, coiled and polywrapped

### Branding (Spiral)

Example: Industrial ORS/Wet Exhaust Continental ContiTech

### Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Order Codes

543-154 (<6")

541-154 (>6")

\*Spec 542-813 (<6") and 541-813 (>6") meet the SAE J2006 R1 Spec but the tube is non-oil resistant (Class C Oil Resistance)

|                    |                     |
|--------------------|---------------------|
| Air & Multipurpose | General Purpose     |
|                    | Heavy Duty          |
|                    | Push-on             |
| Chemical Transfer  |                     |
| Cleaning Equipment |                     |
| Food               | Transfer            |
|                    | Washdown            |
|                    |                     |
| Marine             |                     |
| Material Handling  | Abrasives           |
|                    | Bulk Transfer       |
|                    | Cement & Concrete   |
| Mining             |                     |
| Petroleum          | Aircraft Fueling    |
|                    | Dispensing          |
|                    | Dock Transfer       |
| Spray              |                     |
| Steam              |                     |
| Vacuum             |                     |
| LPG Delivery       |                     |
| Water              | Discharge           |
|                    | Suction & Discharge |
|                    | Washdown            |
| Welding            |                     |
| Coupling Systems   |                     |
| Equipment          |                     |
| Appendix           |                     |

**Plicord® Softwall Wet Exhaust**

| <b>SAP #</b> | <b>ID</b>  | <b>Nom. OD</b> |            | <b>Max. WP</b> |            | <b>Weight</b> |                |             |
|--------------|------------|----------------|------------|----------------|------------|---------------|----------------|-------------|
| <b>Black</b> | <b>in.</b> | <b>mm</b>      | <b>in.</b> | <b>mm</b>      | <b>psi</b> | <b>MPa</b>    | <b>lb./ft.</b> | <b>kg/m</b> |
| 20123258     | 1/2        | 12.7           | 0.94       | 23.9           | 250        | 1.72          | 0.29           | 0.43        |
| 20126043     | 3/4        | 19.0           | 1.18       | 30.0           | 200        | 1.38          | 0.26           | 0.38        |
| 20115943     | 7/8        | 22.2           | 1.30       | 33.2           | 200        | 1.38          | 0.44           | 0.65        |
| 20107027     | 1          | 25.4           | 1.43       | 36.3           | 150        | 1.03          | 0.48           | 0.71        |
| 20156178     | 1 1/8      | 28.6           | 1.57       | 39.9           | 150        | 1.03          | 0.54           | 0.80        |
| 20113717     | 1 1/4      | 31.8           | 1.69       | 43.0           | 150        | 1.03          | 0.59           | 0.87        |
| 20107028     | 1 5/16     | 33.3           | 1.75       | 44.5           | 125        | 0.86          | 0.64           | 0.90        |
| 20110836     | 1 3/8      | 34.9           | 1.81       | 46.0           | 125        | 0.86          | 0.64           | 0.95        |
| 20107029     | 1 1/2      | 38.1           | 1.92       | 49.0           | 100        | 0.62          | 0.62           | 0.92        |
| 20107050     | 1 5/8      | 41.3           | 2.06       | 52.5           | 100        | 0.69          | 0.74           | 1.10        |
| 20108751     | 1 3/4      | 44.4           | 2.20       | 56.0           | 100        | 0.69          | 0.80           | 1.19        |
| 20115942     | 1 7/8      | 47.6           | 2.32       | 59.0           | 100        | 0.69          | 0.84           | 1.25        |
| 20107025     | 2          | 50.8           | 2.51       | 63.7           | 75         | 0.52          | 1.04           | 1.54        |
| 20137213     | 2 1/8      | 54.0           | 2.64       | 67.1           | 75         | 0.52          | 1.10           | 1.63        |
| 20105483     | 2 1/4      | 57.1           | 2.75       | 69.9           | 75         | 0.52          | 1.15           | 1.71        |
| 20105484     | 2 3/8      | 60.3           | 2.94       | 74.7           | 75         | 0.52          | 1.35           | 2.01        |
| 20107080     | 2 1/2      | 63.5           | 3.05       | 77.6           | 75         | 0.52          | 1.41           | 2.10        |
| 20107081     | 2 7/8      | 73.0           | 3.44       | 87.4           | 75         | 0.52          | 1.61           | 2.31        |
| 20105485     | 3          | 76.2           | 3.54       | 90.1           | 50         | 0.34          | 1.66           | 2.47        |
| 20137215     | 3 1/8      | 79.4           | 3.70       | 94.0           | 50         | 0.34          | 1.74           | 2.59        |
| 20107082     | 3 1/2      | 88.9           | 4.09       | 109.0          | 50         | 0.34          | 1.94           | 2.89        |
| 20110837     | 4          | 101.6          | 4.57       | 116.1          | 50         | 0.34          | 2.18           | 3.24        |
| 20110838     | 4 1/2      | 114.3          | 5.06       | 128.6          | 30         | 0.21          | 2.43           | 3.62        |
| 20118697     | 5          | 127.0          | 5.56       | 141.3          | 30         | 0.21          | 2.68           | 3.99        |
| 20137217     | 5 1/2      | 139.7          | 6.09       | 154.8          | 30         | 0.21          | 2.94           | 4.38        |
| 20114451     | 6          | 152.4          | 6.56       | 166.6          | 30         | 0.21          | 3.19           | 4.75        |
| 20126042     | 6 5/8      | 168.3          | 7.37       | 187.3          | 30         | 0.21          | 4.78           | 7.12        |

**Air & Multipurpose**  
General Purpose  
Heavy Duty  
Push-on

Chemical Transfer

Cleaning Equipment

**Food**  
Transfer  
Washdown

**Marine**

**Material Handling**  
Abrasives  
Bulk Transfer  
Cement & Concrete

Mining

**Petroleum**  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

Spray

Steam

Vacuum

LPG Delivery

**Water**  
Discharge  
Suction & Discharge  
Washdown

Welding

Coupling Systems

Equipment

Appendix

# Marine Fuel Line USCG/SAE J1527 & ISO 7840 Type A1



## Product Specifications

### Application

For marine gasoline tanks. For fuel feed and vent applications on marine pleasure craft. It meets U.S. Coast Guard and International Marine Certification Institute requirements for type A1 service.

### Construction Tube

Black Nitrile synthetic rubber RMA Class A (High Oil Resistance)

### Cover

Black Chemivic™ synthetic rubber

### Reinforcement

Spiral synthetic yarn

### Temperature Range

0°F to 115°F (-17°C to 46°C)

### Packaging

200' reels, maximum 3 pieces, increments of 50'

### Branding

Example: Continental ContiTech USCG/SAE J 1527 Type A1 ISO 7840-A1 CE

### Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Order Codes

595-032

## Marine Fuel Line SAE J1527 Type A1

| SAP #    | ID   |      | Nom. OD |      | Max. WP |      | Weight  |      |
|----------|------|------|---------|------|---------|------|---------|------|
| Black    | in.  | mm   | in.     | mm   | psi     | MPa  | lb./ft. | kg/m |
| 20069186 | 1/4  | 6.4  | 0.65    | 16.5 | 49      | 0.34 | 0.17    | 0.25 |
| 20069187 | 5/16 | 7.9  | 0.71    | 18.0 | 49      | 0.34 | 0.19    | 0.28 |
| 20069188 | 3/8  | 9.5  | 0.78    | 19.8 | 49      | 0.34 | 0.20    | 0.30 |
| 20028994 | 1/2  | 12.7 | 0.89    | 23.0 | 36      | 0.25 | 0.26    | 0.39 |
| 20106800 | 5/8  | 15.9 | 1.06    | 25.8 | 36      | 0.25 | 0.35    | 0.52 |

# Flexshield™ SAE J1527 USCG Type A1-15 / ISO 7840 Marine Barrier Hose



## Product Specifications

### Application

Designed for marine gasoline tanks for fuel feed and vent applications on marine pleasure craft. Barrier style construction meets new EPA requirements for low permeation class A1-15 marine fuel lines. Fire resistant cover provides minimum 2½ minute fire resistivity for USCG type A service.

### Construction Tube

Black Chemivac™ synthetic rubber

### Cover

Nitrile synthetic rubber

### Reinforcement

Polyester spiral with nylon barrier

### Temperature Range

-20°F to 180°F (-29°C to 82°C)

### Packaging

Reels

### Branding

Example: Flexshield™ 5412 3/8" SAE J1527 USCG Type A1-15 / ISO 7840-A1 CE Continental ContiTech

### Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Non-Stock/Sizes

Contact a Continental ContiTech representative for special production run minimum requirements and private label options.

### Order Codes

1/4" - 475-412-008  
5/16" - 475-412-010  
3/8" - 475-412-012  
1/2" - 475-412-016

## Flexshield™ SAE J1527 Type A1-15

| SAP #    | ID   |      | Nom. OD |       | Weight  |      | Min. Burst |      |
|----------|------|------|---------|-------|---------|------|------------|------|
| Black    | in.  | mm   | in.     | mm    | lb./ft. | kg/m | psi        | bar  |
| 20464766 | 1/4  | 5.95 | 0.627   | 15.92 | 0.15    | 0.23 | 250        | 17.2 |
| 20464768 | 5/16 | 7.54 | 0.658   | 16.71 | 0.16    | 0.24 | 250        | 17.2 |
| 20464769 | 3/8  | 9.12 | 0.725   | 18.41 | 0.20    | 0.30 | 250        | 17.2 |

Air & Multipurpose  
General Purpose  
Heavy Duty  
Push-on

Chemical Transfer

Cleaning Equipment

Food  
Transfer  
Washdown

Marine

Material Handling  
Abrasives  
Bulk Transfer  
Cement & Concrete

Mining

Petroleum  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

Spray

Steam

Vacuum

LPG Delivery

Water  
Discharge  
Suction & Discharge  
Washdown

Welding

Coupling Systems

Equipment

Appendix



# Marine Fuel Feed Vent Hose USCG/SAE J1527 Type A2 Fire Retardant



## Product Specifications

|  |  |
|--|--|
| <b>Application</b><br>For fuel feed and vent application on marine pleasure craft.           | <b>Packaging</b><br>500'-750' reels, maximum 3 pieces, minimum length 35'                                  |
| <b>Construction Tube</b><br>Black Nitrile synthetic rubber RMA Class A (High Oil Resistance) | <b>Branding (Spiral)</b><br>Example: Continental ContiTech USCG/SAE J 1527 Type A2                         |
| <b>Cover</b><br>Gray Chemivic™ synthetic rubber  | <b>Couplings</b><br>Contact fitting manufacturer for proper fitting recommendation and coupling procedure. |
| <b>Reinforcement</b><br>Spiral synthetic yarn  | <b>Order Codes</b><br>595-022  |
| <b>Temperature Range</b><br>0°F to 115°F (-18°C to 46°C)                                     |  |

### Marine Fuel Feed Vent Hose Type A2

| ID   |      | Nom. OD |      | Max. WP |      | Weight  |      |
|------|------|---------|------|---------|------|---------|------|
| in.  | mm   | in.     | mm   | psi     | MPa  | lb./ft. | kg/m |
| 1/4  | 6.4  | 0.66    | 16.8 | 35      | 0.24 | 0.19    | 0.28 |
| 5/16 | 7.9  | 0.72    | 18.3 | 35      | 0.24 | 0.22    | 0.33 |
| 3/8  | 9.5  | 0.78    | 19.8 | 35      | 0.24 | 0.24    | 0.36 |
| 1/2  | 12.7 | 0.91    | 23.1 | 35      | 0.24 | 0.3     | 0.45 |
| 5/8  | 15.9 | 0.96    | 25.8 | 35      | 0.24 | 0.34    | 0.51 |

# Marine Fuel Feed Vent Hose USCG/SAE J1527 Type B2 Non-Fire Retardant



## Product Specifications

**Application**

For fuel feed and vent application on marine pleasure craft.

**Construction Tube**

Nitrile synthetic rubber RMA Class A (High Oil Resistance)

**Cover**

Gray Chemivic™ synthetic rubber

**Reinforcement**

Spiral synthetic yarn

**Temperature Range**

0°F to 115°F (-18°C to 46°C)

**Packaging**

500'-750', maximum 3 pieces, minimum length 35'

**Branding**

Example: Continental ContiTech USCG/SAE J 1527 Type B2.

**Couplings**

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

**Order Codes**

595-009

### Marine Fuel Feed Vent Hose Type B2

| SAP #    | ID   |      | Nom. OD |      | Max. WP |     | Weight |              |
|----------|------|------|---------|------|---------|-----|--------|--------------|
|          | Gray | in.  | mm      | in.  | mm      | psi | MPa    | lb./ft. kg/m |
|          |      | 1/4  | 6.4     | 0.58 | 14.7    | 34  | 0.23   | 0.12 0.18    |
|          |      | 5/16 | 7.9     | 0.66 | 16.8    | 34  | 0.23   | 0.15 0.22    |
| 20028805 |      | 3/8  | 9.5     | 0.70 | 17.8    | 34  | 0.23   | 0.16 0.24    |
|          |      | 1/2  | 12.7    | 0.81 | 20.6    | 34  | 0.23   | 0.18 0.27    |
| 20028810 |      | 5/8  | 15.9    | 0.96 | 24.4    | 34  | 0.23   | 0.19 0.28    |

Air & Multipurpose  
General Purpose  
Heavy Duty  
Push-on

Chemical Transfer

Cleaning Equipment

Food  
Transfer  
Washdown

Marine

Material Handling  
Abrasives  
Bulk Transfer  
Cement & Concrete

Mining

Petroleum  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

Spray

Steam

Vacuum

LPG Delivery

Water  
Discharge  
Suction & Discharge  
Washdown

Welding

Coupling Systems

Equipment

Appendix