



# Maraton<sup>®</sup>

RUBBER INDUSTRIAL HOSE

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The Global leader for Rubber Hoses.



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| AIR HOSE |      |      |              |     |               |     |             |     |
|----------|------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.     |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH     | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/16"    | 4.8  | 12   | 20           | 300 | 60            | 900 | 120         | 400 |
| 1/4"     | 6.4  | 13   | 20           | 300 | 60            | 900 | 120         | 400 |
| 5/16"    | 7.9  | 15   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/8"     | 9.5  | 17   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/2"     | 12.7 | 21   | 20           | 300 | 60            | 900 | 100         | 330 |
| 5/8"     | 15.9 | 26   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/4"     | 19.1 | 29   | 20           | 300 | 60            | 900 | 100         | 330 |
| 7/8"     | 22.2 | 32   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1"       | 25.4 | 36   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1-1/4"   | 31.8 | 44   | 15           | 225 | 45            | 675 | 60          | 200 |
| 1-1/2"   | 38.1 | 54   | 15           | 225 | 45            | 675 | 60          | 200 |
| 2"       | 50.8 | 66   | 15           | 225 | 45            | 675 | 60          | 200 |



**APPLICATION:**

Oil mist resistant Air hose for versatile general industries and construction sites. NOT suitable for transfer of petroleum products.

**TEMPERATURE:**

-20°C(-4°F) to +70°C(+158°F)

**TUBE:**

Black, Smooth, Synthetic Rubber, Oil mist resistant.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

Yellow, Smooth, Synthetic Rubber, Weathering and Ozone Resistant

**OPTIONAL REQUEST:**

ISO 2398. Type 1.Class A

| HOT AIR HOSE |      |      |              |     |               |     |             |     |
|--------------|------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.         |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH         | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/4"         | 6.4  | 13   | 20           | 300 | 60            | 900 | 120         | 400 |
| 5/16"        | 7.9  | 15   | 20           | 300 | 60            | 900 | 120         | 400 |
| 3/8"         | 9.5  | 17   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/2"         | 12.7 | 21   | 20           | 300 | 60            | 900 | 100         | 330 |
| 5/8"         | 15.9 | 26   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/4"         | 19.1 | 29   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/4"         | 22.2 | 32   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1"           | 25.4 | 36   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1-1/4"       | 31.8 | 44   | 15           | 225 | 45            | 675 | 60          | 200 |
| 1-1/2"       | 38.1 | 54   | 15           | 225 | 45            | 675 | 60          | 200 |
| 2"           | 50.8 | 66   | 15           | 225 | 45            | 675 | 60          | 200 |



**APPLICATION:**

Heavy duty hot air hose is Specifically Designed to convey air for high temperature applications.

**TEMPERATURE:**

-20 C(-4 F) to +100 C(+212 F)

**TUBE:**

Black, Smooth, Synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

Black, Smooth, Synthetic Rubber, Weathering and Ozone Resistant

## AIR BRAKE HOSE

| I.D. |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/4" | 6.4  | 16   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/8" | 9.5  | 19   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/2" | 12.7 | 22   | 20           | 300 | 60            | 900 | 100         | 330 |


**APPLICATION:**

Designed for use in automotive air brake system.

**TEMPERATURE:**

-40°C(-40°F) to +93°C(+200°F)

**TUBE:**

Black, Smooth, EPDM rubber.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

Black, Smooth, EPDM rubber, heat and ozone resistant.

**OPTIONAL REQUEST:**

Standard SAE J1402 Type A

## CAR HEATER HOSE

| I.D. |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/8" | 9.5  | 17   | 10           | 150 | 30            | 450 | 100         | 330 |
| 1/2" | 12.7 | 20   | 10           | 150 | 30            | 450 | 100         | 330 |
| 5/8" | 15.9 | 24   | 10           | 150 | 30            | 450 | 100         | 330 |
| 3/4" | 19.1 | 27   | 10           | 150 | 30            | 450 | 100         | 330 |
| 1"   | 25.1 | 35   | 10           | 150 | 30            | 450 | 100         | 330 |


**APPLICATION:**

Medium duty hose specially designed for the transfer of hot water in automobile's heating system.

**TEMPERATURE:**

-20°C(-4°F) to +100°C(+212°F)

**TUBE:**

Black, Synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

Black, Smooth, Synthetic Rubber, Abrasion and Weather Resistant

| MARINE FUEL HOSE |      |      |              |     |               |     |             |     |
|------------------|------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.             |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH             | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/4"             | 6.4  | 15.8 | 3.5          | 50  | 14            | 200 | 100         | 330 |
| 5/16"            | 7.9  | 17.5 | 3.5          | 50  | 14            | 200 | 100         | 330 |
| 3/8"             | 9.5  | 20   | 3.5          | 50  | 14            | 200 | 100         | 330 |
| 1/2"             | 12.7 | 24   | 3.5          | 50  | 14            | 200 | 100         | 330 |
| 5/8"             | 15.9 | 27   | 3.5          | 50  | 14            | 200 | 100         | 330 |
| 3/4"             | 19.1 | 30   | 3.5          | 50  | 14            | 200 | 100         | 330 |
| 1"               | 25.4 | 36   | 3.5          | 50  | 14            | 200 | 100         | 330 |



**APPLICATION:**

Designed with fire resistant property to convey fuel oil or diesel fuel aboard small craft including pleasure craft.

**TEMPERATURE:**

-25°C(-13°F) to +100°C(+212°F)

**TUBE:**

Black, Smooth, Synthetic rubber.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

Black, Smooth, Synthetic rubber, Weathering resistant and fire retardant.

**OPTIONAL REQUEST:**

Standard SAE J1527, Type A1 ISO 7840, A1 USCG

Standard SAE J1527, Type A1 ISO 7840, A1 USCG

| MARINE WET EXHAUST HOSE ( Hardwall) |      |      |              |     |               |     |             |     |
|-------------------------------------|------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                                |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                                | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"                                | 12.7 | 20   | 3            | 45  | 9             | 135 | 60          | 200 |
| 5/8"                                | 15.9 | 23   | 3            | 45  | 9             | 135 | 60          | 200 |
| 3/4"                                | 19.1 | 26   | 3            | 45  | 9             | 135 | 60          | 200 |
| 7/8"                                | 22.2 | 30   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1"                                  | 25.4 | 33.5 | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/8"                              | 28.6 | 38   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-3/16"                             | 30.2 | 39   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/4"                              | 31.8 | 40   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-5/16"                             | 33.3 | 42   | 3            | 45  | 9             | 135 | 60          | 200 |



**APPLICATION:**

Light weight, flexible, hardwall hose for water cooled diesel engine exhaust gas System installed on a small craft less than 24m in length or pleasure yachts.

**TEMPERATURE:**

-30°C(-22°F) to +100°C(+212°F)

**TUBE:**

Black, Smooth, Synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic cold, helix wire.

| MARINE WET EXHAUST HOSE ( Hardwall) |       |      |              |     |               |     |             |     |
|-------------------------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                                |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                                | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1-3/8"                              | 34.9  | 43   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/2"                              | 38.1  | 46   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-9/16"                             | 39.7  | 48   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-5/8"                              | 41.3  | 49   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-3/4"                              | 44.5  | 53   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-7/8"                              | 47.6  | 56   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2"                                  | 50.8  | 59   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/8"                              | 54    | 63   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/4"                              | 57.2  | 67   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-3/8"                              | 60.3  | 68   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/2"                              | 63.5  | 72   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-5/8"                              | 66.7  | 74   | 3            | 45  | 9             | 135 | 40          | 130 |
| 2-3/4"                              | 69.9  | 78   | 3            | 45  | 9             | 135 | 40          | 130 |
| 2-7/8"                              | 73    | 82   | 3            | 45  | 9             | 135 | 60          | 200 |
| 3"                                  | 76.2  | 85   | 3            | 45  | 9             | 135 | 60          | 200 |
| 3-1/8"                              | 79.4  | 90   | 3            | 45  | 9             | 135 | 40          | 130 |
| 3-1/2"                              | 88.9  | 99   | 3            | 45  | 9             | 135 | 60          | 200 |
| 4"                                  | 101.6 | 111  | 3            | 45  | 9             | 135 | 60          | 200 |
| 4-1/2"                              | 114.3 | 126  | 3            | 45  | 9             | 135 | 30          | 100 |
| 5"                                  | 127   | 137  | 3            | 45  | 9             | 135 | 30          | 100 |
| 6"                                  | 152.4 | 163  | 3            | 45  | 9             | 135 | 30          | 100 |
| 8"                                  | 203.4 | 214  | 3            | 45  | 9             | 135 | 30          | 100 |
| 10"                                 | 254   | 264  | 3            | 45  | 9             | 135 | 12          | 40  |
| 12"                                 | 304.8 | 316  | 3            | 45  | 9             | 135 | 12          | 40  |

**COVER:**

Black, Corrugated ( wrapped finish),  
Systhetic Rubber, Weathering & Abra-  
sion Resistant

**OPTIONAL REQUEST:**

Standard SAE J2006:03, Type R2:  
Smooth (wrapped finish)

## FREON GAS HOSE

| I.D.  |     | O.D. | WORK PRESURE |     | BURST PRESURE |      | MAX. LENGTH |     |
|-------|-----|------|--------------|-----|---------------|------|-------------|-----|
| INCH  | MM  | MM   | BAR          | PSI | BAR           | PSI  | M           | FT  |
| 3/16" | 4.8 | 11   | 35           | 500 | 140           | 2000 | 100         | 330 |



### APPLICATION:

Use in all air condition filling stations for automotive and other gas related industries.

### TEMPERATURE:

-20°C(-4°F) to +65°C(+149°F)

### TUBE:

Black, Smooth, Synthetic rubber.

### REINFORCEMENT:

High strength synthetic yarn.

### COVER:

Red/Blue/Yellow, Smooth, Synthetic rubber, Weathering and ozone resistant

## MULTIPURPOSE HOSE

| I.D.   |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/16"  | 4.8  | 12   | 20           | 300 | 60            | 900 | 120         | 400 |
| 1/4"   | 6.4  | 13   | 20           | 300 | 60            | 900 | 120         | 400 |
| 5/16"  | 7.9  | 15   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/8"   | 9.5  | 17   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/2"   | 12.7 | 21   | 20           | 300 | 60            | 900 | 100         | 330 |
| 5/8"   | 15.9 | 26   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/4"   | 19.1 | 29   | 20           | 300 | 60            | 900 | 100         | 330 |
| 7/8"   | 22.2 | 32   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1"     | 25.4 | 36   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1-1/4" | 31.8 | 44   | 15           | 225 | 45            | 675 | 60          | 200 |
| 1-1/2" | 38.1 | 54   | 15           | 225 | 45            | 675 | 60          | 200 |
| 2"     | 50.8 | 66   | 15           | 225 | 45            | 675 | 60          | 200 |



### APPLICATION:

Designed for general industrial applications where contact with oil / grease is frequent. Suitable for air, water and oil in separate occasion. Not suitable for chemical and abrasive medium.

### TEMPERATURE:

-30 C(-22 F) to +100 C(+212 F)

### TUBE:

Black, Smooth, Synthetic Rubber.

### REINFORCEMENT:

High strength synthetic yarn.

## Low Pressure Textile Braided Hose

| I.D.  |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|-------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH  | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/16" | 4.8  | 10   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/4"  | 6.4  | 12.7 | 20           | 300 | 60            | 900 | 100         | 330 |
| 5/16" | 7.9  | 14.2 | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/8"  | 9.5  | 16   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/2"  | 12.7 | 19   | 20           | 300 | 60            | 900 | 100         | 330 |
| 5/8"  | 15.9 | 23   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/4"  | 19.1 | 26   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1"    | 25.4 | 33.5 | 20           | 300 | 60            | 900 | 100         | 330 |



### APPLICATION:

Designed for low pressure hydraulic oil lines and pneumatic lines. Meet Flame Resistant Certification.

### TEMPERATURE:

-40°C(-40°F) to +100°C(+212°F)

### TUBE:

Black, Smooth, Synthetic Rubber, Oil and Heat Resistant.

### REINFORCEMENT:

High strength synthetic yarn.

### COVER:

Black textile braided resistant weathering synthetic fibre.

## FUEL / OIL HOSE

| I.D.   |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/16"  | 4.8  | 12   | 20           | 300 | 60            | 900 | 120         | 400 |
| 1/4"   | 6.4  | 13   | 20           | 300 | 60            | 900 | 120         | 400 |
| 5/16"  | 7.9  | 15   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/8"   | 9.5  | 17   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/2"   | 12.7 | 21   | 20           | 300 | 60            | 900 | 100         | 330 |
| 5/8"   | 15.9 | 26   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/4"   | 19.1 | 29   | 20           | 300 | 60            | 900 | 100         | 330 |
| 7/8"   | 22.2 | 32   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1"     | 25.4 | 36   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1-1/4" | 31.8 | 44   | 15           | 225 | 45            | 675 | 60          | 200 |
| 1-3/8" | 34.9 | 47.8 | 15           | 225 | 45            | 675 | 60          | 200 |
| 1-1/2" | 38.1 | 54   | 15           | 225 | 45            | 675 | 60          | 200 |
| 2"     | 50.8 | 66   | 15           | 225 | 45            | 675 | 60          | 200 |



### APPLICATION:

Designed for the delivery of petroleum based products with aromatic content up to 50% for fuel connector service.

### TEMPERATURE:

-20°C(-4°F) to +70°C(+158°F)

### TUBE:

Black, Smooth, NBR Rubber.

### REINFORCEMENT:

High strength synthetic yarn.

### COVER:

Black, smooth, synthetic rubber, weather and ozone resistant.

### OPTIONAL REQUEST:

Anti-static wire / property.

| FIRE FIGHTING HOSE |      |      |              |     |               |     |             |     |
|--------------------|------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.               |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH               | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/4"               | 19.1 | 29   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1"                 | 25.4 | 36   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1-1/4"             | 31.8 | 44   | 20           | 300 | 60            | 900 | 60          | 200 |



**APPLICATION:**

Designed with fire-fighting purposes for use with fixed systems.

**TEMPERATURE:**

-20°C(-4°F) to +60°C(+140°F)

**TUBE:**

Black, Smooth, Synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

Black, smooth, synthetic rubber, weathering and ozone resistant.

| WASHDOWN HOSE |      |      |              |     |               |     |             |     |
|---------------|------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.          |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH          | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"          | 12.7 | 23   | 16           | 240 | 48            | 720 | 120         | 400 |
| 5/8"          | 15.9 | 27   | 16           | 240 | 48            | 720 | 100         | 330 |
| 3/4"          | 19.1 | 32   | 16           | 240 | 48            | 720 | 100         | 330 |
| 1"            | 25.4 | 39   | 16           | 240 | 48            | 720 | 100         | 330 |



**APPLICATION:**

Designed for hot water wash-down suitable for food processing industry, packing houses, bottling plants and breweries.

**TEMPERATURE:**

-20°C(-4°F) to +100°C(+212°F)

**TUBE:**

White, Smooth, Synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

White, smooth, synthetic rubber, weathering and ozone resistant.

**OPTIONAL REQUEST:**

Standard F.D.A. Tile 21, 177.2600.

## WATER HOSE

| I.D.   |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/16"  | 4.8  | 12   | 10           | 150 | 30            | 450 | 120         | 400 |
| 1/4"   | 6.4  | 13   | 10           | 150 | 30            | 450 | 120         | 400 |
| 5/16"  | 7.9  | 15   | 10           | 150 | 30            | 450 | 100         | 330 |
| 3/8"   | 9.5  | 16   | 10           | 150 | 30            | 450 | 100         | 330 |
| 1/2"   | 12.7 | 20   | 10           | 150 | 30            | 450 | 100         | 330 |
| 5/8"   | 15.9 | 23.5 | 10           | 150 | 30            | 450 | 100         | 330 |
| 3/4"   | 19.1 | 27   | 10           | 150 | 30            | 450 | 100         | 330 |
| 7/8"   | 22.2 | 30   | 10           | 150 | 30            | 450 | 100         | 330 |
| 1"     | 25.4 | 34   | 10           | 150 | 30            | 450 | 100         | 330 |
| 1-1/4" | 31.8 | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2" | 38.1 | 50   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"     | 50.8 | 66   | 10           | 150 | 30            | 450 | 60          | 200 |


**APPLICATION:**

Designed for water and non-Corrosive fluids used in construction sites and light duty industrial applications.

**TEMPERATURE:**

-20°C(-4°F) to +70°C(+158°F)

**TUBE:**

Black, Smooth, Synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

Black smooth, synthetic rubber, weathering and ozone resistant.

## LPG HOSE

| I.D.  |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|-------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH  | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/16" | 4.8  | 12   | 20           | 300 | 60            | 900 | 120         | 400 |
| 1/4"  | 6.4  | 14   | 20           | 300 | 60            | 900 | 120         | 400 |
| 5/16" | 7.9  | 16   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/8"  | 9.5  | 17   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/2"  | 12.7 | 22   | 20           | 300 | 60            | 900 | 100         | 330 |


**APPLICATION:**

Designed for welding / cutting purpose in shipbuilding, civil works and other related industries.

**TEMPERATURE:**

-20°C(-4°F) to +70°C(+158°F)

**TUBE:**

Black, Smooth, Synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic yarn.

**COVER:**

Orange, smooth, synthetic rubber.

**OPTIONAL REQUEST:**

Standard ISO 3821 (formerly known as EN559); AS/NZS 1869:1996 Class C

## SINGLE LINE WELDING HOSE

| I.D.  |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|-------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH  | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/16" | 4.8  | 12   | 20           | 300 | 60            | 900 | 120         | 400 |
| 1/4"  | 6.4  | 13   | 20           | 300 | 60            | 900 | 120         | 400 |
| 5/16" | 7.9  | 15   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/8"  | 9.5  | 17   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1/2"  | 12.7 | 21   | 20           | 300 | 60            | 900 | 100         | 330 |
| 5/8"  | 15.9 | 26   | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/4"  | 19.1 | 29   | 20           | 300 | 60            | 900 | 100         | 330 |
| 7/8"  | 22.2 | 32   | 20           | 300 | 60            | 900 | 100         | 330 |
| 1"    | 25.4 | 36   | 20           | 300 | 60            | 900 | 100         | 330 |



### APPLICATION:

Designed for welding, cutting and allied processes. Specific welding hose catering for oxygen, carbon dioxide, nitrogen, argon and fuel gases including acetylene, natural gas, methane and propane available on request.

### TEMPERATURE:

-20°C(-4°F) to +70°C(+158°F)

### TUBE:

Black, Smooth, Synthetic Rubber.

### REINFORCEMENT:

High strength synthetic yarn.

### COVER:

Blue, Green, Red, Smooth, Synthetic Rubber.

### OPTIONAL REQUEST:

Standard ISO 3821 (formerly known as EN559)

## TWIN LINE WELDING HOSE

| I.D.       |         | O.D.  | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|------------|---------|-------|--------------|-----|---------------|-----|-------------|-----|
| INCH       | MM      | MM    | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/16"      | 4.8+4.8 | 12+12 | 20           | 300 | 60            | 900 | 120         | 400 |
| 1/4"       | 6.4+6.4 | 13+13 | 20           | 300 | 60            | 900 | 120         | 400 |
| 5/16"      | 7.9+7.9 | 15+15 | 20           | 300 | 60            | 900 | 120         | 400 |
| 5/16"+3/8" | 7.9+9.5 | 16+16 | 20           | 300 | 60            | 900 | 100         | 330 |
| 3/8"       | 9.5+9.5 | 17+17 | 20           | 300 | 60            | 900 | 100         | 330 |



### APPLICATION:

Extruded hose used for welding, cutting and allied processes.

### TEMPERATURE:

-20°C(-4°F) to +70°C(+158°F)

### TUBE:

Black, Smooth, Synthetic Rubber.

### REINFORCEMENT:

High strength synthetic yarn.

### COVER:

Red & Blue, smooth, synthetic rubber.

### OPTIONAL REQUEST:

Standard ISO 3821 (formerly known as EN559)

## AIR SEEDER HOSE (HARDWALL)

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/4"   | 19.1  | 29   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"     | 25.4  | 35   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4" | 31.8  | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2" | 38.1  | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"     | 50.8  | 63   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2" | 63.5  | 76   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"     | 76.2  | 89   | 10           | 150 | 30            | 450 | 60          | 200 |
| 4"     | 101.6 | 118  | 10           | 150 | 30            | 450 | 60          | 200 |
| 6"     | 152.4 | 170  | 10           | 150 | 30            | 450 | 30          | 100 |



### APPLICATION:

Hardwall hose designed for dry conveyance of seeds and other materials for medium duty abrasion and service.

### TEMPERATURE:

-20°C(-4°F) to +70°C(+158°F)

### TUBE:

Black, smooth, synthetic rubber, abrasion resistant.

### REINFORCEMENT:

High strength synthetic cold and helix wire.

### COVER:

Black, smooth (wrapped finish), weathering and ozone resistant

## BULK MATERIALS DISCHARGE HOSE

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 2"     | 50.8  | 68   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8" | 54    | 71   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4" | 57.2  | 74   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-3/8" | 60.3  | 77   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2" | 63.5  | 81   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8" | 66.7  | 84   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4" | 69.9  | 88   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8" | 73    | 91   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"     | 76.2  | 94   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8" | 79.4  | 98   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2" | 88.9  | 107  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4"     | 101.6 | 120  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-1/2" | 114.3 | 134  | 10           | 150 | 30            | 450 | 30          | 100 |



### APPLICATION:

Specially designed softwall hose for delivery of dry cement, sand, gravel and etc. Equipped with excellent rebound, durability and abrasion resistant properties.

### TEMPERATURE:

-30°C(-22°F) to +70°C(+158°F)

### TUBE:

Black, Smooth, Synthetic Rubber.

### REINFORCEMENT:

High strength synthetic cold.

### COVER:

Black, smooth (wrapped finish), synthetic rubber, weathering and ozone resistant.

COMMONLY AVAILABLE UPON REQUEST

DIFFERENT DIAMETER
  DIFFERENT COLOR OF RUBBER
  DIFFERENT WORKING PRESSURE
  DIFFERENT LENGHT
  DIFFERENT TEMPERATURE

## BULK MATERIALS DISCHARGE HOSE

| I.D. |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 5"   | 127   | 148  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"   | 152.4 | 175  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8"   | 203.2 | 230  | 10           | 150 | 30            | 450 | 30          | 100 |
| 10"  | 254   | 281  | 10           | 150 | 30            | 450 | 12          | 40  |
| 12"  | 304.8 | 334  | 10           | 150 | 30            | 450 | 12          | 40  |

## BULK MATERIALS SUCTION AND DISCHARGE HOSE

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 2"     | 50.8  | 68   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8" | 54    | 72   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4" | 57.2  | 75   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-3/8" | 60.3  | 79   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2" | 63.5  | 82   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8" | 66.7  | 85   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4" | 69.9  | 89   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8" | 73    | 92   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"     | 76.2  | 95   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8" | 79.4  | 99   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2" | 88.9  | 108  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4"     | 101.6 | 122  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-1/2" | 114.3 | 136  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5"     | 127   | 149  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"     | 152.4 | 176  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8"     | 203.2 | 233  | 10           | 150 | 30            | 450 | 30          | 100 |
| 10"    | 254   | 284  | 10           | 150 | 30            | 450 | 12          | 40  |
| 12"    | 304.8 | 338  | 10           | 150 | 30            | 450 | 12          | 40  |



### APPLICATION:

Specially designed hardwall hose for suction and delivery of dry cement, sand, gravel and etc. Equipped with excellent rebound, durability and abrasion resistant properties.

### TEMPERATURE:

-30°C(-22°F) to +70°C(+158°F)

### TUBE:

Black, Smooth, Synthetic Rubber.

### REINFORCEMENT:

High strength synthetic cold and helix wire.

### COVER:

Black, smooth (wrapped finish), synthetic rubber, weathering and ozone resistant.

### OPTIONAL REQUEST:

Corrugated ( wrapped finish).

## SANDBLAST HOSE

| I.D.   |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"   | 12.7 | 28   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1/2"   | 12.7 | 34   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"   | 15.9 | 26   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"   | 15.9 | 30   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"   | 19.1 | 34   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"   | 19.1 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"     | 25.4 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"     | 25.4 | 47   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4" | 31.8 | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4" | 31.8 | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2" | 38.1 | 58   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"     | 50.8 | 70   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"     | 76.2 | 96   | 10           | 150 | 30            | 450 | 60          | 200 |


**APPLICATION:**

Softwall abrasion resistant hose designed for the delivery of steel shots, sand and etc.

**TEMPERATURE:**

-40°C(-40°F) to +70°C(+158°F)

**TUBE:**

Black, smooth, high abrasion resistant, anti-static.

**REINFORCEMENT:**

High strength synthetic cold.

**COVER:**

Black, smooth (wrapped finish). abrasion resistant

**OPTIONAL REQUEST:**

Standard ISO 3861.

## INDUSTRIAL VACUUM HOSE

| I.D.    |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"    | 12.7 | 20   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"    | 15.9 | 23   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"    | 19.1 | 26   | 10           | 150 | 30            | 450 | 60          | 200 |
| 7/8"    | 22.2 | 30   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"      | 25.4 | 33.5 | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/8"  | 28.6 | 38   | 10           | 150 | 30            | 450 | 40          | 130 |
| 1-3/16" | 30.2 | 39   | 10           | 150 | 30            | 450 | 40          | 130 |
| 1-1/4"  | 31.8 | 40   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/16" | 33.3 | 42   | 10           | 150 | 30            | 450 | 40          | 200 |


**APPLICATION:**

Light weight corrugated hardwall industrial hose designed for the extraction of waste dust. Fumes light particles and etc.

**TEMPERATURE:**

-20°C(-4°F) to +70°C(+158°F)

**TUBE:**

Tan, smooth, synthetic rubber.

**REINFORCEMENT:**

High strength synthetic cold and helix wire.

| INDUSTRIAL VACUUM HOSE |       |      |              |     |               |     |             |     |
|------------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1-3/8"                 | 34.9  | 43   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2"                 | 38.1  | 46   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-9/16"                | 39.7  | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/8"                 | 41.3  | 49   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/4"                 | 44.5  | 53   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8"                 | 47.6  | 56   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"                     | 50.8  | 59   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8"                 | 54    | 63   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4"                 | 57.2  | 67   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-3/8"                 | 60.3  | 68   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2"                 | 63.5  | 72   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8"                 | 66.7  | 74   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4"                 | 69.9  | 78   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8"                 | 73    | 82   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"                     | 76.2  | 85   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8"                 | 79.4  | 90   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2"                 | 88.9  | 99   | 10           | 150 | 30            | 450 | 60          | 200 |
| 4"                     | 101.6 | 111  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-1/2"                 | 114.3 | 126  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5"                     | 127   | 137  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"                     | 152.4 | 163  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8"                     | 203.4 | 214  | 10           | 150 | 30            | 450 | 30          | 100 |
| 10"                    | 254   | 264  | 10           | 150 | 30            | 450 | 12          | 40  |
| 12"                    | 304.8 | 316  | 10           | 150 | 30            | 450 | 12          | 40  |

**COVER:**

Tan, corrugated (wrapped finish)  
synthetic rubber.

| COMPRESSED AIR HOSE |       |      |              |     |               |     |             |     |
|---------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"                | 12.7  | 21   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3/4"                | 19.1  | 28   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1"                  | 25.4  | 34   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/4"              | 31.8  | 42   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/2"              | 38.1  | 48   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2"                  | 50.8  | 62   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2-1/2"              | 63.5  | 76   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3"                  | 76.2  | 89   | 10           | 150 | 40            | 600 | 60          | 200 |
| 4"                  | 101.6 | 116  | 10           | 150 | 40            | 600 | 60          | 200 |



**APPLICATION:**

Softwall hose designed for general purpose compressed air applications with oil mist resistance.

**TEMPERATURE:**

-40°C(-40°F) to +70°C(+158°F)

**TUBE:**

Black, smooth, synthetic rubber, oil mist resistant.

**REINFORCEMENT:**

High strength synthetic cord

**COVER:**

Yellow, smooth (wrapped finish). weathering and ozone resistant.

**OPTIONAL REQUEST:**

Standard ISO 2398, Type 1, Class A.

| COMPRESSED AIR HOSE |       |      |              |     |               |     |             |     |
|---------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"                | 12.7  | 23   | 20           | 300 | 60            | 900 | 60          | 200 |
| 3/4"                | 19.1  | 30   | 20           | 300 | 60            | 900 | 60          | 200 |
| 1"                  | 25.4  | 37   | 20           | 300 | 60            | 900 | 60          | 200 |
| 1-1/4"              | 31.8  | 46   | 20           | 300 | 60            | 900 | 60          | 200 |
| 1-1/2"              | 38.1  | 52   | 20           | 300 | 60            | 900 | 60          | 200 |
| 2"                  | 50.8  | 68   | 20           | 300 | 60            | 900 | 60          | 200 |
| 2-1/2"              | 63.5  | 80   | 20           | 300 | 60            | 900 | 60          | 200 |
| 3"                  | 76.2  | 92   | 20           | 300 | 60            | 900 | 60          | 200 |
| 4"                  | 101.6 | 120  | 20           | 300 | 60            | 900 | 60          | 200 |

## RADIATOR HOSE

| I.D.    |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"    | 12.7 | 21   | 3            | 45  | 9             | 135 | 60          | 200 |
| 5/8"    | 15.9 | 25   | 3            | 45  | 9             | 135 | 60          | 200 |
| 3/4"    | 19.1 | 28   | 3            | 45  | 9             | 135 | 60          | 200 |
| 7/8"    | 22.2 | 31   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1"      | 25.4 | 34   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/8"  | 28.6 | 38   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-3/16" | 30.2 | 40   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/4"  | 31.8 | 42   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-5/16" | 33.3 | 43   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-3/8"  | 34.9 | 45   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/2"  | 38.1 | 48   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-9/16" | 39.7 | 50   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-5/8"  | 41.3 | 52   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-3/4"  | 44.5 | 55   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-7/8"  | 47.6 | 59   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2"      | 50.8 | 62   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/8"  | 54   | 66   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/4"  | 57.2 | 69   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-3/8"  | 60.3 | 72   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/2"  | 63.5 | 76   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-5/8"  | 66.7 | 78   | 3            | 45  | 9             | 135 | 40          | 130 |
| 2-3/4"  | 69.9 | 82   | 3            | 45  | 9             | 135 | 40          | 130 |
| 2-7/8"  | 73   | 86   | 3            | 45  | 9             | 135 | 60          | 200 |
| 3"      | 76.2 | 89   | 3            | 45  | 9             | 135 | 60          | 200 |
| 3-1/8"  | 79.4 | 94   | 3            | 45  | 9             | 135 | 40          | 130 |


**APPLICATION:**

Softwall hose for conveying hot water mixed with anti-freeze liquids in cooling systems.

**TEMPERATURE:**

-40°C(-40°F) to +100°C(+212°F)

**TUBE:**

Black, smooth, EPDM rubber.

**REINFORCEMENT:**

High strength synthetic cord.

**COVER:**

Black, smooth (wrapped finish). EPDM rubber.

**OPTIONAL REQUEST:**

Higher temperature up to 120°C (248°F)

## RADIATOR HOSE

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3-1/2" | 88.9  | 103  | 3            | 45  | 9             | 135 | 60          | 200 |
| 4"     | 101.6 | 116  | 3            | 45  | 9             | 135 | 60          | 200 |
| 4-1/2" | 114.3 | 129  | 3            | 45  | 9             | 135 | 30          | 100 |
| 5"     | 127   | 142  | 3            | 45  | 9             | 135 | 30          | 100 |
| 6"     | 152.4 | 167  | 3            | 45  | 9             | 135 | 30          | 100 |

## CHEMICAL DISCHARGE HOSE

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/4"   | 19.1  | 31   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1"     | 25.4  | 37   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/4" | 31.8  | 44   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/2" | 38.1  | 51   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2"     | 50.8  | 67   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2-1/2" | 63.5  | 79   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3"     | 76.2  | 92   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3-1/2" | 88.9  | 105  | 10           | 150 | 40            | 600 | 60          | 200 |
| 4"     | 101.6 | 118  | 10           | 150 | 40            | 600 | 60          | 200 |



### APPLICATION:

Softwall hose designed to handle a wide range of chemical products, sewage System and filtration plants.

### TEMPERATURE:

-20°C(-4°F) to +65°C(+149°F)

### TUBE:

White, Smooth, EPDM rubber.

### REINFORCEMENT:

High strength synthetic cord.

### COVER:

Blue, smooth (wrapped finish), EPDM rubber, resistant to chemical. weathering and ozone.

### OPTIONAL REQUEST:

Anti-static wire.

| CHEMICAL SUCTION AND DISCHARGE HOSE |       |      |              |     |               |     |             |     |
|-------------------------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                                |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                                | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/4"                                | 19.1  | 31   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1"                                  | 25.4  | 37   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/4"                              | 31.8  | 44   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/2"                              | 38.1  | 51   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2"                                  | 50.8  | 67   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2-1/2"                              | 63.5  | 79   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3"                                  | 76.2  | 92   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3-1/2"                              | 88.9  | 105  | 10           | 150 | 40            | 600 | 60          | 200 |
| 4"                                  | 101.6 | 118  | 10           | 150 | 40            | 600 | 60          | 200 |


**APPLICATION:**

Hardwall hose designed to handle a wide range of chemical products. sewage system and filtration plants.

**TEMPERATURE:**

-20°C(-4°F) to +65°C(+149°F)

**TUBE:**

White, smooth, EPDM rubber.

**REINFORCEMENT:**

High strength synthetic cold and helix wire.

**COVER:**

Blue, smooth (wrapped finish), EPDM rubber, resistant to chemical. weathering and ozone.

**OPTIONAL REQUEST:**

Corrugated (wrapped finish); Anti-static wire.

| UHMWPE CHEMICALDISCHARGE HOSE |       |      |              |     |               |     |             |     |
|-------------------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                          |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                          | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/4"                          | 19.1  | 31   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1"                            | 25.4  | 37   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/4"                        | 31.8  | 44   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/2"                        | 38.1  | 51   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2"                            | 50.8  | 67   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2-1/2"                        | 63.5  | 79   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3"                            | 76.2  | 92   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3-1/2"                        | 88.9  | 105  | 10           | 150 | 40            | 600 | 60          | 200 |
| 4"                            | 101.6 | 118  | 10           | 150 | 40            | 600 | 60          | 200 |


**APPLICATION:**

Softwall hose designed with ultra-high molecular weight polyethylene tube. excellent in handling a wide range of chemicals, petroleum products and oils.

**TEMPERATURE:**

-30°C(-22°F) to +65°C(+149°F)

**TUBE:**

White, smooth, Ultra high molecular weight polyethylene (UHMWPE).

**REINFORCEMENT:**

High strength synthetic cold.

**COVER:**

Blue, smooth (wrapped finish), EPDM rubber, resistant to chemical. weathering and ozone.

**OPTIONAL REQUEST:**

Anti-static wire; Conductive UHMWPE film.

| UHMWPE CHEMICAL SUCTION AND DISCHARGE HOSE |       |      |              |     |               |     |             |     |
|--|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                                       |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                                       | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/4"                                       | 19.1  | 31   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1"   | 25.4  | 37   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/4"                                     | 31.8  | 44   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/2"                                     | 38.1  | 51   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2"   | 50.8  | 67   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2-1/2"                                     | 63.5  | 79   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3"   | 76.2  | 92   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3-1/2"                                     | 88.9  | 105  | 10           | 150 | 40            | 600 | 60          | 200 |
| 4"   | 101.6 | 118  | 10           | 150 | 40            | 600 | 60          | 200 |



**APPLICATION:**

Hardwall hose designed with ultra-high molecular weight polyethylene tube. excellent in handling a wide range of chemicals, petroleum products and oils.

**TEMPERATURE:**

-30°C(-22°F) to +65°C(+149°F)

**TUBE:**

White, Smooth, Ultra high molecular weight polyethylene (UHMWPE)

**REINFORCEMENT:**

High strength synthetic cold and helix wire.

**COVER:**

Blue, corrugated (wrapped finish), EPDM rubber, resistant to chemical, weathering and ozone.

**OPTIONAL REQUEST:**

Smooth (wrapped finish); Anti-static wire; Conductive UHMWPE film.

| XLPE CHEMICAL DISCHARGE HOSE |       |      |              |     |               |     |             |     |
|------------------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                         |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                         | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/4"                         | 19.1  | 31   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1"                           | 25.4  | 37   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/4"                       | 31.8  | 44   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/2"                       | 38.1  | 51   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2"                           | 50.8  | 67   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2-1/2"                       | 63.5  | 79   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3"                           | 76.2  | 92   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3-1/2"                       | 88.9  | 105  | 10           | 150 | 40            | 600 | 60          | 200 |
| 4"                           | 101.6 | 118  | 10           | 150 | 40            | 600 | 60          | 200 |



**APPLICATION:**

Softwall hose designed with cross-linked polyethylene tube, excellent in handling a wide range of chemicals, petroleum products and oils.

**TEMPERATURE:**

-30°C(-22°F) to +65°C(+149°F)

**TUBE:**

White, smooth, Cross-linked polyethylene (XLPE).

**REINFORCEMENT:**

High strength synthetic cold.

**COVER:**

Green, smooth (wrapped finish), EPDM rubber, resistant to chemical, weathering and ozone.

**OPTIONAL REQUEST:**

Anti-static wire.

**XLPE CHEMICAL SUCTION AND DISCHARGE HOSE**

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3/4"   | 19.1  | 31   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1"     | 25.4  | 37   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/4" | 31.8  | 44   | 10           | 150 | 40            | 600 | 60          | 200 |
| 1-1/2" | 38.1  | 51   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2"     | 50.8  | 67   | 10           | 150 | 40            | 600 | 60          | 200 |
| 2-1/2" | 63.5  | 79   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3"     | 76.2  | 92   | 10           | 150 | 40            | 600 | 60          | 200 |
| 3-1/2" | 88.9  | 105  | 10           | 150 | 40            | 600 | 60          | 200 |
| 4"     | 101.6 | 118  | 10           | 150 | 40            | 600 | 60          | 200 |


**APPLICTION:**

Hardwall hose designed with cross-linked polyethylene tube, excellent in handling a wide range of chemicals, petroleum products and oils.

**TEMPERATURE:**

-30° C (-22°F) to +65°C (+149°F)

**TUBE:**

White, smooth, cross-linked polyethylene (XLPE).

**REINFORCEMENT:**

High strength synthetic cord and helix wire.

**COVER:**

Green, corrugated (wrapped finish), EPDM rubber, resistant to chemical, weathering and ozone.

**FOOD DISCHARGE HOSE (FOR FATTY FOODS)**

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"   | 12.7  | 24   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"   | 19.1  | 32   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"     | 25.4  | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4" | 31.8  | 46   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2" | 38.1  | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"     | 50.8  | 68   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2" | 63.5  | 80   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"     | 76.2  | 93   | 10           | 150 | 30            | 450 | 60          | 200 |
| 4"     | 101.6 | 120  | 10           | 150 | 30            | 450 | 60          | 200 |


**APPLICATION:**

FDA approved food hose designed for the delivery of fatty foods such as milk, edible oil, daily products & etc.

**TEMPERATURE:**

-20°C(-4°F) to +80°C(+176°F)

**TUBE:**

White, smooth, NBR food quality rubber.

**REINFORCEMENT:**

High strength synthetic cord.

**COVER:**

Red, smooth (wrapped finish), Synthetic rubber, oil and weathering resistant.

**OPTIONAL REQUEST:**

Standard F.D.A. Title 21, 177.2600.

## FOOD SUCTION AND DISCHARGE HOSE ( FOR FATTY FOODS)

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"   | 12.7  | 24   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"   | 19.1  | 32   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"     | 25.4  | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4" | 31.8  | 46   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2" | 38.1  | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"     | 50.8  | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2" | 63.5  | 80   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"     | 76.2  | 93   | 10           | 150 | 30            | 450 | 60          | 200 |
| 4"     | 101.6 | 120  | 10           | 150 | 30            | 450 | 60          | 200 |



**APPLICATION:**

FDA approved food hose designed for suction and delivery of fatty foods such as milk, edible oil, daily products etc.

**TEMPERATURE:**

-20°C(-4°F) to +80°C(+176°F)

**TUBE:**

White, Smooth, NBR food quality rubber.

**REINFORCEMENT:**

High strength synthetic cold and helix wire.

**COVER:**

Red, smooth (wrapped finish),synthetic rubber, oil and weathering resistant.

**OPTIONAL REQUEST:**

Standard F.D.A. Title 21. 177.2600;  
Corrugated (wrapped finish).

## FOOD DISCHARGE HOSE (NON-FATTY FOODS)

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"   | 12.7  | 24   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"   | 19.1  | 32   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"     | 25.4  | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4" | 31.8  | 46   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2" | 38.1  | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"     | 50.8  | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2" | 63.5  | 80   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"     | 76.2  | 93   | 10           | 150 | 30            | 450 | 60          | 200 |
| 4"     | 101.6 | 120  | 10           | 150 | 30            | 450 | 60          | 200 |



**APPLICATION:**

FDA approved food hose designed for the delivery of aqueous foods such as wine, juice, soft drinks and other food-stuff.

NOT recommended for fatty foods.

**TEMPERATURE:**

-20°C(-4°F) to +80°C(+176°F)

**TUBE:**

White, smooth, EPDM food quality rubber.

**REINFORCEMENT:**

High strength synthetic cold.

**COVER:**

Blue, smooth (wrapped finish), Synthetic rubber, weathering resistant.

**OPTIONAL REQUEST:**

Standard F.D.A. Title 21, 177.2600.

## FOOD SUCTION AND DISCHARGE HOSE (NON-FATTY FOODS)

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"   | 12.7  | 24   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"   | 19.1  | 32   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"     | 25.4  | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4" | 31.8  | 46   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2" | 38.1  | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"     | 50.8  | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2" | 63.5  | 80   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"     | 76.2  | 93   | 10           | 150 | 30            | 450 | 60          | 200 |
| 4"     | 101.6 | 120  | 10           | 150 | 30            | 450 | 60          | 200 |



### APPLICATION:

FDA approved food hose designed for suction and delivery of aqueous foods such as wine, juice, soft drinks and other foodstuff.

NOT recommended for fatty foods.

### TEMPERATURE:

-20°C(-4°F) to +80°C(+176°F)

### TUBE:

White, smooth, EPDM food quality rubber.

### REINFORCEMENT:

High strength synthetic cold and helix wire.

### COVER:

Blue, smooth (wrapped finish), Synthetic rubber, weathering resistant.

### OPTIONAL REQUEST:

Standard F.D.A. Title 21, 177.2600;  
Corrugated (wrapped finish).

## MARINE FUEL HOSE (HARDWALL)

| I.D.   |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1-1/2" | 31.8 | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/8" | 41.3 | 51   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8" | 47.6 | 60   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"     | 50.8 | 63.5 | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-3/8" | 60.3 | 73   | 10           | 150 | 30            | 450 | 60          | 200 |



### APPLICATION:

Hardwall hose designed for conveying gasoline and diesel fuel aboard small craft including pleasure craft.

### TEMPERATURE:

-25°C(-13°F) to +100°C(+212°F)

### TUBE:

Black, smooth, synthetic rubber.

### REINFORCEMENT:

High strength synthetic cold and helix wire.

### COVER:

Black, smooth (wrapped finish), Synthetic rubber, weathering resistant.

### OPTIONAL REQUEST:

Standard SAE J1527 Type A2 Style R2

| MARINE WET EXHAUST HOSE (SOFTWALL) |       |      |              |     |               |     |             |     |
|------------------------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                               |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                               | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 7/8"                               | 22.2  | 32   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1"                                 | 25.4  | 35   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/8"                             | 28.6  | 38   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/4"                             | 31.8  | 43   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-5/16"                            | 33.3  | 44   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-3/8"                             | 34.9  | 46   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-1/2"                             | 38.1  | 49   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-5/8"                             | 41.3  | 54   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-3/4"                             | 44.5  | 56   | 3            | 45  | 9             | 135 | 60          | 200 |
| 1-7/8"                             | 47.6  | 59   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2"                                 | 50.8  | 63.5 | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/8"                             | 54    | 66.5 | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/4"                             | 57.2  | 70   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-3/8"                             | 60.3  | 74   | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-1/2"                             | 63.5  | 77.5 | 3            | 45  | 9             | 135 | 60          | 200 |
| 2-5/8"                             | 66.7  | 82   | 3            | 45  | 9             | 135 | 40          | 130 |
| 2-7/8"                             | 73    | 87   | 3            | 45  | 9             | 135 | 60          | 200 |
| 3"                                 | 76.2  | 90   | 3            | 45  | 9             | 135 | 60          | 200 |
| 3-1/8"                             | 79.4  | 92   | 3            | 45  | 9             | 135 | 40          | 130 |
| 3-1/2"                             | 88.9  | 104  | 3            | 45  | 9             | 135 | 60          | 200 |
| 4"                                 | 101.6 | 116  | 3            | 45  | 9             | 135 | 60          | 200 |
| 4-1/2"                             | 114.3 | 130  | 3            | 45  | 9             | 135 | 30          | 100 |


**APPLICATION:**

Softwall hose designed for water cooled diesel engine exhaust gas systems installed on a small craft less than 24m in length or pleasure yachts.

**TEMPERATURE:**

-30°C(-22°F) to +100°C(+212°F)

**TUBE:**

Black, smooth, synthetic rubber.

**REINFORCEMENT:**

High strength synthetic cord.

**COVER:**

Black, smooth (wrapped finish). synthetic rubber, weathering & abrasion resistant.

**OPTIONAL REQUEST:**

130 Standard SAE J2006:03 Type R1.

## FRAS AIR/WATER HOSE

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |      | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|------|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI  | M           | FT  |
| 1/2"   | 12.7  | 21   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 5/8"   | 15.9  | 25   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 3/4"   | 19.1  | 28   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 1"     | 25.4  | 34   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 1-1/4" | 31.8  | 42   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 1-1/2" | 38.1  | 48   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 2"     | 50.8  | 62   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 2-1/2" | 63.5  | 76   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 2-7/8" | 73    | 86   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 3"     | 76.2  | 89   | 17.5         | 260 | 70            | 1050 | 60          | 200 |
| 4"     | 101.6 | 116  | 17.5         | 260 | 70            | 1050 | 60          | 200 |


**APPLICATION:**

Softwall hose specially designed with fire resistant and anti-static properties to convey air, stone dust and water in underground coal mines.

**TEMPERATURE:**

-15°C(-5°F) to +70°C(+158°F)

**TUBE:**

Black, smooth, anti-static, synthetic rubber.

**REINFORCEMENT:**

High strength synthetic cord.

**ELECTRICAL RESISTANCE:**

Less than 1x10<sup>6</sup>f2/m.

**COVER:**

Black, smooth (wrapped finish). synthetic rubber, fire resistant and anti-static.

**OPTIONAL REQUEST:**

Standard AS 2660 Class A.

## PROTECTIVE COVER HOSE

| I.D.     |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|----------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH     | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 5/8"     | 15.9 | 19   | -            | -   | -             | -   | 40          | 130 |
| 3/4"     | 19.1 | 22   | -            | -   | -             | -   | 40          | 130 |
| 7/8"     | 22.2 | 25   | -            | -   | -             | -   | 40          | 130 |
| 1"       | 25.4 | 28   | -            | -   | -             | -   | 40          | 130 |
| 1-3/127" | 26   | 28   | -            | -   | -             | -   | 40          | 130 |
| 1-1/8"   | 28.6 | 31   | -            | -   | -             | -   | 40          | 130 |
| 1-3/16"  | 30.2 | 33   | -            | -   | -             | -   | 40          | 130 |
| 1-1/4"   | 31.8 | 35   | -            | -   | -             | -   | 40          | 130 |
| 1-5/16"  | 33.3 | 36   | -            | -   | -             | -   | 40          | 130 |
| 1-3/8"   | 34.9 | 38   | -            | -   | -             | -   | 40          | 130 |
| 1-1/2"   | 38.1 | 41   | -            | -   | -             | -   | 40          | 130 |
| 1-9/16"  | 39.7 | 43   | -            | -   | -             | -   | 40          | 130 |
| 1-5/8"   | 41.3 | 45   | -            | -   | -             | -   | 40          | 130 |
| 1-3/4"   | 44.5 | 48   | -            | -   | -             | -   | 40          | 130 |
| 1-7/8"   | 47.6 | 51   | -            | -   | -             | -   | 40          | 130 |
| 2"       | 50.8 | 54   | -            | -   | -             | -   | 40          | 130 |


**APPLICATION:**

Designed ideally for protecting hose used in electronic, electrical and Sewage industries.

**TEMPERATURE:**

-25°C(-13°F) to +75°C(+167°F)

**TUBE:**

Black, smooth, abrasion resistant rubber blends.

**COVER:**

Black, smooth (wrapped finish), resistant rubber and weathering resistant.

COMMONLY AVAILABLE UPON REQUEST

DIFFERENT DIAMETER

DIFFERENT COLOR OF RUBBER

DIFFERENT WORKING PRESSURE

DIFFERENT LENGHT

DIFFERENT TEMPERATURE

## FUEL / OIL DISCHARGE HOSE

| I.D.    |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"    | 12.7 | 21   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"    | 15.9 | 25   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"    | 19.1 | 28   | 10           | 150 | 30            | 450 | 60          | 200 |
| 7/8"    | 22.2 | 31   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"      | 25.4 | 34   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/8"  | 28.6 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/16" | 30.2 | 40   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4"  | 31.8 | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/16" | 33.3 | 43   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/8"  | 34.9 | 45   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2"  | 38.1 | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-9/16" | 39.7 | 50   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/8"  | 41.3 | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/4"  | 44.5 | 55   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8"  | 47.6 | 59   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"      | 50.8 | 62   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8"  | 54   | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4"  | 57.2 | 69   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/16" | 59   | 71.5 | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/8"  | 60.3 | 72   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2"  | 63.5 | 76   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8"  | 66.7 | 78   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4"  | 69.7 | 82   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8"  | 73   | 86   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"      | 76.2 | 89   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8"  | 79.4 | 94   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2"  | 88.9 | 103  | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-5/8"  | 92   | 106  | 10           | 150 | 30            | 450 | 40          | 130 |


**APPLICATION:**

Softwall hose designed for delivery of petroleum products with aromatic content up to 50% for fuel connector service.

**TEMPERATURE:**

-20°C(-4°F) to +70°C(+158°F)

**TUBE:**

Black, smooth, NBR rubber.

**REINFORCEMENT:**

High strength synthetic cord.

**COVER:**

Black, smooth (wrapped finish). synthetic rubber, weathering & oil resistant.

**OPTIONAL REQUEST:**

Anti-static wire.

## FUEL / OIL DISCHARGE HOSE

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3-3/4" | 95    | 109  | 10           | 150 | 30            | 450 | *           | *   |
| 4"     | 101.6 | 116  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-3/8" | 111   | 126  | 10           | 150 | 30            | 450 | 40          | 130 |
| 4-1/2" | 114.3 | 129  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5"     | 127   | 142  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5-1/2" | 140   | 154  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"     | 152.4 | 167  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6-5/8" | 168.3 | 184  | 10           | 150 | 30            | 450 | 30          | 100 |
| 7"     | 178   | 194  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8"     | 203.2 | 219  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8-5/8" | 219.1 | 235  | 10           | 150 | 30            | 450 | 30          | 100 |
| 10"    | 254   | 272  | 5            | 75  | 15            | 225 | 12          | 40  |
| 12"    | 304.8 | 323  | 5            | 75  | 15            | 225 | 12          | 40  |

## FUEL / OIL SUCTION AND DISCHARGE HOSE

| I.D.    |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"    | 12.7 | 21   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"    | 15.9 | 25   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"    | 19.1 | 29   | 10           | 150 | 30            | 450 | 60          | 200 |
| 7/8"    | 22.2 | 31   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"      | 25.4 | 35   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/8"  | 28.6 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/16" | 30.2 | 40   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4"  | 31.8 | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/16" | 33.3 | 43   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/8"  | 34.9 | 45   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2"  | 38.1 | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-9/16" | 39.7 | 50   | 10           | 150 | 30            | 450 | 60          | 200 |



### APPLICATION:

1-lardwall hose designed for suction and delivery of petroleum products with aromatic content up to 50% for fuel connector service.

### TEMPERATURE:

-20°C (-4°F) to +70°C (+158°F)

### TUBE:

Black, Smooth, NBR Rubber.

### REINFORCEMENT:

High strength synthetic cold and helix wire.

### COVER:

Black, smooth (wrapped finish), synthetic rubber, weathering and oil resistant.

COMMONLY AVAILABLE UPON REQUEST

DIFFERENT DIAMETER

DIFFERENT COLOR OF RUBBER

DIFFERENT WORKING PRESSURE

DIFFERENT LENGHT

DIFFERENT TEMPERATURE

**FUEL / OIL SUCTION AND DISCHARGE HOSE**

| I.D.    |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1-5/8"  | 41.3  | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/4"  | 44.5  | 56   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8"  | 47.6  | 60   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"      | 50.8  | 63   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8"  | 54    | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4"  | 57.2  | 69   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/16" | 59    | 72.5 | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/8"  | 60.3  | 74   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2"  | 63.5  | 77   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8"  | 66.7  | 80   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4"  | 69.9  | 84   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8"  | 73    | 88   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"      | 76.2  | 90   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8"  | 79.4  | 95   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2"  | 88.9  | 104  | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-5/8"  | 92    | 107  | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-3/4"  | 95    | 111  | 10           | 150 | 30            | 450 | *           | *   |
| 4"      | 101.6 | 118  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-3/8"  | 111   | 127  | 10           | 150 | 30            | 450 | 40          | 130 |
| 4-1/2"  | 114.3 | 130  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5"      | 127   | 145  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5-1/2"  | 140   | 158  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"      | 152.4 | 170  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6-5/8"  | 168.3 | 186  | 10           | 150 | 30            | 450 | 30          | 100 |
| 7"      | 178   | 198  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8"      | 203.2 | 224  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8-5/8"  | 219.1 | 239  | 10           | 150 | 30            | 450 | 30          | 100 |
| 10"     | 254   | 278  | 10           | 150 | 30            | 450 | 12          | 40  |
| 12"     | 304.8 | 328  | 10           | 150 | 30            | 450 | 12          | 40  |

**OPTIONAL REQUEST:**

Corrugated (wrapped finish); Anti-static wire.

COMMONLY AVAILABLE UPON REQUEST

 DIFFERENT DIAMETER   
  DIFFERENT COLOR OF RUBBER   
  DIFFERENT WORKING PRESSURE   
  DIFFERENT LENGHT   
  DIFFERENT TEMPERATURE

## TANK TRUCK HOSE

| I.D.    |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"    | 12.7 | 21   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"    | 15.9 | 25   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"    | 19.1 | 29   | 10           | 150 | 30            | 450 | 60          | 200 |
| 7/8"    | 22.2 | 31   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"      | 25.4 | 35   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/8"  | 28.6 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/16" | 30.2 | 40   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4"  | 31.8 | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/16" | 33.3 | 43   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/8"  | 34.9 | 45   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2"  | 38.1 | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-9/16" | 39.7 | 50   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/8"  | 41.3 | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/4"  | 44.5 | 56   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8"  | 47.6 | 60   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"      | 50.8 | 63   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8"  | 54   | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4"  | 57.2 | 69   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/16" | 59   | 72.5 | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/8"  | 60.3 | 74   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2"  | 63.5 | 77   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8"  | 66.7 | 80   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4"  | 69.7 | 84   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8"  | 73   | 88   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"      | 76.2 | 90   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8"  | 79.4 | 95   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2"  | 88.9 | 104  | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-5/8"  | 92   | 107  | 10           | 150 | 30            | 450 | 40          | 130 |



### APPLICATION:

Hardwall hose designed for suction and delivery of a wide range of petroleum fuel with aromatic content up to 50% for tank trucks.

### TEMPERATURE:

-20°C(-4°F) to +70°C(+158°F)

### TUBE:

Black, smooth, synthetic rubber.

### REINFORCEMENT:

High strength synthetic cold and helix wire.

### COVER:

Black, corrugated (wrapped finish). synthetic rubber, oil, fuel, weathering resistant.

### OPTIONAL REQUEST:

Smooth (wrapped finish); wire.

## TANK TRUCK HOSE

| I.D.   |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|--------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH   | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3-3/4" | 95    | 111  | 10           | 150 | 30            | 450 | *           | *   |
| 4"     | 101.6 | 118  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-3/8" | 111   | 127  | 10           | 150 | 30            | 450 | 40          | 130 |
| 4-1/2" | 114.3 | 130  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5"     | 127   | 145  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5-1/2" | 140   | 158  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"     | 152.4 | 170  | 10           | 150 | 30            | 450 | 30          | 100 |

## LOW TEMPERATURE TANK TRUCK HOSE

| I.D.    |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"    | 12.7 | 21   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"    | 15.9 | 25   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"    | 19.1 | 29   | 10           | 150 | 30            | 450 | 60          | 200 |
| 7/8"    | 22.2 | 31   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"      | 25.4 | 35   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/8"  | 28.6 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/16" | 30.2 | 40   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4"  | 31.8 | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/16" | 33.3 | 43   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/8"  | 34.9 | 45   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2"  | 38.1 | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-9/16" | 39.7 | 50   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/8"  | 41.3 | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/4"  | 44.5 | 56   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8"  | 47.6 | 60   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"      | 50.8 | 63   | 10           | 150 | 30            | 450 | 60          | 200 |



### APPLICATION:

Hardwall hose designed for suction and delivery of a wide range of petroleum fuel with aromatic content up to 50% for tank trucks. Suitable for low temperature.

### TEMPERATURE:

-45 C(-49°F) to +70°C(+158°F)

### TUBE:

Black, Smooth, synthetic Rubber.

### REINFORCEMENT:

High strength synthetic cold and helix wire.

### COVER:

Blue, corrugated (wrapped finish), synthetic rubber, oil, fuel, and weathering resistant.

### OPTIONAL REQUEST:

Smooth (wrapped finish); Anti-static wire.

## LOW TEMPERATURE TANK TRUCK HOSE

| I.D.    |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 2-1/8"  | 54    | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4"  | 57.2  | 69   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/16" | 59    | 72.5 | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/8"  | 60.3  | 74   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2"  | 63.5  | 77   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8"  | 66.7  | 80   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4"  | 69.9  | 84   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8"  | 73    | 88   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"      | 76.2  | 90   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8"  | 79.4  | 95   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2"  | 88.9  | 104  | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-5/8"  | 92    | 107  | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-3/4"  | 95    | 111  | 10           | 150 | 30            | 450 | *           | *   |
| 4"      | 101.6 | 118  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-3/8"  | 111   | 127  | 10           | 150 | 30            | 450 | 40          | 130 |
| 4-1/2"  | 114.3 | 130  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5"      | 127   | 145  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5-1/2"  | 140   | 158  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"      | 152.4 | 170  | 10           | 150 | 30            | 450 | 30          | 100 |

## DOCK HOSE

| I.D. |       | O.D. | WORK PRESURE |     | BURST PRESURE |      | MAX. LENGTH |     |
|------|-------|------|--------------|-----|---------------|------|-------------|-----|
| INCH | MM    | MM   | BAR          | PSI | BAR           | PSI  | M           | FT  |
| 3"   | 76.2  | 96   | 17           | 225 | 68            | 1020 | 60          | 200 |
| 4"   | 101.6 | 126  | 17           | 225 | 68            | 1020 | 60          | 200 |
| 5"   | 127   | 155  | 17           | 225 | 68            | 1020 | 30          | 100 |
| 6"   | 152.4 | 185  | 17           | 225 | 68            | 1020 | 30          | 100 |
| 8"   | 203.2 | 242  | 17           | 225 | 68            | 1020 | 30          | 100 |
| 10"  | 254   | 298  | 17           | 225 | 68            | 1020 | 12          | 40  |



### APPLICATION:

Heavy duty suction and discharge dock hose designed for transferring petroleum product from tankers and barges, bunkering service and industrial applications.

### TEMPERATURE:

-20 C(-4 F) to +82°C(+180°F)

### TUBE:

Black, smooth, synthetic rubber, suitable for aromatic content up to 50%.

### REINFORCEMENT:

High Strength synthetic cold, helix wire and anti-static wires.

### COVER:

Black, smooth (wrapped finish), synthetic rubber resistant to weathering, oil and sea water.

COMMONLY AVAILABLE UPON REQUEST

DIFFERENT DIAMETER
  DIFFERENT COLOR OF RUBBER
  DIFFERENT WORKING PRESSURE
  DIFFERENT LENGTH
  DIFFERENT TEMPERATURE

## OIL RETURN HOSE(HARDWALL)

| I.D.   |      | O.D. | WORK PRESURE |     | BURST PRESURE |      | MAX. LENGTH |     |
|--------|------|------|--------------|-----|---------------|------|-------------|-----|
| INCH   | MM   | MM   | BAR          | PSI | BAR           | PSI  | M           | FT  |
| 3/4"   | 19.1 | 31.5 | 21           | 300 | 83            | 1200 | 60          | 200 |
| 1"     | 25.4 | 40   | 17           | 250 | 69            | 1000 | 60          | 200 |
| 1-1/4" | 31.8 | 46.5 | 14           | 200 | 55            | 800  | 60          | 200 |
| 1-1/2" | 38.1 | 53   | 10           | 150 | 41            | 600  | 60          | 200 |
| 2"     | 50.8 | 65.5 | 7            | 100 | 28            | 400  | 60          | 200 |
| 2-1/2" | 63.5 | 78.5 | 4            | 62  | 17            | 250  | 60          | 200 |
| 3"     | 76.2 | 91   | 4            | 56  | 15            | 225  | 60          | 200 |


**APPLICATION:**

Hardwall hose designed for petroleum and water-bases hydraulic fluids in low pressure and vacuum service.

**TEMPERATURE:**

-40°C(-40°F) to +100°C(+212°F)

**TUBE:**

Black, smooth, synthetic rubber.

**REINFORCEMENT:**

High strength synthetic cord and helix wire.

**COVER:**

Black, smooth (wrapped finish).  
weathering and ozone resistant

## WATER DISCHARGE HOSE

| I.D.    |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"    | 12.7 | 21   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"    | 15.9 | 25   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"    | 19.1 | 28   | 10           | 150 | 30            | 450 | 60          | 200 |
| 7/8"    | 22.2 | 31   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"      | 25.4 | 34   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/8"  | 28.6 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/16" | 30.2 | 40   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4"  | 31.8 | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/16" | 33.3 | 43   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/8"  | 34.9 | 45   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2"  | 38.1 | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-9/16" | 39.7 | 50   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/8"  | 41.3 | 52   | 10           | 150 | 30            | 450 | 60          | 200 |


**APPLICATION:**

Softwall hose designed for water, and non-corrosive fluids used in construction sites and light duty industrial applications.

**TEMPERATURE:**

-20°C(-4°F) to +70°C(+158°F)

**TUBE:**

Black, Smooth, synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic cord.

**COVER:**

Black, smooth (wrapped finish),  
rubber, weathering and ozone resistant.

**WATER DISCHARGE HOSE**

| I.D.    |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1-3/4"  | 44.5  | 55   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8"  | 47.6  | 59   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"      | 50.8  | 62   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8"  | 54    | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4"  | 57.2  | 69   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/16" | 59    | 71.5 | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/8"  | 60.3  | 72   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2"  | 63.5  | 76   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8"  | 66.7  | 78   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4"  | 69.9  | 82   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8"  | 73    | 86   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"      | 76.2  | 89   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8"  | 79.4  | 94   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2"  | 88.9  | 103  | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-5/8"  | 92    | 106  | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-3/4"  | 95    | 109  | 10           | 150 | 30            | 450 | *           | *   |
| 4"      | 101.6 | 116  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-3/8"  | 111   | 126  | 10           | 150 | 30            | 450 | 40          | 130 |
| 4-1/2"  | 114.3 | 129  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5"      | 127   | 142  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5-1/2"  | 140   | 154  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"      | 152.4 | 167  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6-5/8"  | 168.3 | 184  | 10           | 150 | 30            | 450 | 30          | 100 |
| 7"      | 178   | 194  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8"      | 203.2 | 219  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8-5/8"  | 219.1 | 235  | 10           | 150 | 30            | 450 | 30          | 100 |
| 10"     | 254   | 272  | 5            | 75  | 15            | 225 | 12          | 40  |
| 12"     | 304.8 | 323  | 5            | 75  | 15            | 225 | 12          | 40  |

**COMMONLY AVAILABLE UPON REQUEST**
 DIFFERENT DIAMETER   
  DIFFERENT COLOR OF RUBBER   
  DIFFERENT WORKING PRESSURE   
  DIFFERENT LENGHT   
  DIFFERENT TEMPERATURE

## WATER SUCTION AND DISCHARGE HOSE

| I.D.    |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
|---------|------|------|--------------|-----|---------------|-----|-------------|-----|
| INCH    | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"    | 12.7 | 21   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"    | 15.9 | 25   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"    | 19.1 | 29   | 10           | 150 | 30            | 450 | 60          | 200 |
| 7/8"    | 22.2 | 31   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"      | 25.4 | 35   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/8"  | 28.6 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/16" | 30.2 | 40   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4"  | 31.8 | 42   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/16" | 33.3 | 43   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/8"  | 34.9 | 45   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2"  | 38.1 | 48   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-9/16" | 39.7 | 50   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/8"  | 41.3 | 52   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/4"  | 44.5 | 56   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8"  | 47.6 | 60   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"      | 50.8 | 63   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8"  | 54   | 66   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4"  | 57.2 | 69   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/16" | 59   | 72.5 | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/8"  | 60.3 | 74   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/2"  | 63.5 | 77   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8"  | 66.7 | 80   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-3/4"  | 69.7 | 84   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8"  | 73   | 88   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3"      | 76.2 | 90   | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-1/8"  | 79.4 | 95   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3-1/2"  | 88.9 | 104  | 10           | 150 | 30            | 450 | 60          | 200 |
| 3-5/8"  | 92   | 107  | 10           | 150 | 30            | 450 | 40          | 130 |



### APPLICATION:

Hardwall hose designed for suction and discharge of water and non-corrosive fluids used in construction sites and light duty industrial applications.

### TEMPERATURE:

-20°C(-4°F) to +70°C(+158°F)

### TUBE:

Black, smooth, synthetic rubber.

### REINFORCEMENT:

High strength synthetic cold and helix wire.

### COVER:

Black, smooth (wrapped finish), synthetic rubber, weathering and ozone resistant.

### OPTIONAL REQUEST:

Corrugated (wrapped finish); Cuffed ends in different length.

| WATER SUCTION AND DISCHARGE HOSE |       |      |              |     |               |     |             |     |
|----------------------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                             |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                             | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 3-3/4"                           | 95    | 111  | 10           | 150 | 30            | 450 | *           | *   |
| 4"                               | 101.6 | 118  | 10           | 150 | 30            | 450 | 60          | 200 |
| 4-3/8"                           | 111   | 127  | 10           | 150 | 30            | 450 | 40          | 130 |
| 4-1/2"                           | 114.3 | 130  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5"                               | 127   | 145  | 10           | 150 | 30            | 450 | 30          | 100 |
| 5-1/2"                           | 140   | 158  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6"                               | 152.4 | 170  | 10           | 150 | 30            | 450 | 30          | 100 |
| 6-5/8"                           | 168.3 | 186  | 10           | 150 | 30            | 450 | 30          | 100 |
| 7"                               | 178   | 198  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8"                               | 203.2 | 224  | 10           | 150 | 30            | 450 | 30          | 100 |
| 8-5/8"                           | 219.1 | 239  | 10           | 150 | 30            | 450 | 30          | 100 |
| 10"                              | 254   | 278  | 10           | 150 | 30            | 450 | 12          | 40  |
| 12"                              | 304.8 | 328  | 10           | 150 | 30            | 450 | 12          | 40  |

| LAY FLAT WATER DISCHARGE HOSE |      |      |              |     |               |     |             |     |
|-------------------------------|------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                          |      | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                          | MM   | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1/2"                          | 12.7 | 20   | 10           | 150 | 30            | 450 | 60          | 200 |
| 5/8"                          | 15.9 | 23.3 | 10           | 150 | 30            | 450 | 60          | 200 |
| 3/4"                          | 19.1 | 26.5 | 10           | 150 | 30            | 450 | 60          | 200 |
| 7/8"                          | 22.2 | 30   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1"                            | 25.4 | 32   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/8"                        | 28.6 | 35   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/16"                       | 30.2 | 38   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/4"                        | 31.8 | 39   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-5/16"                       | 33.3 | 41   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/8"                        | 34.9 | 43   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-1/2"                        | 38.1 | 46   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-9/16"                       | 39.7 | 47.5 | 10           | 150 | 30            | 450 | 60          | 200 |


**APPLICATION:**

Lightweight and lay flat softwall hose designed for the discharge of waste water domestic applications.

**TEMPERATURE:**

-20°C(-4°F) to +70°C(+158°F)

**TUBE:**

Black, Smooth, Synthetic Rubber.

**REINFORCEMENT:**

High strength synthetic cord.

**COVER:**

Black, smooth (wrapped finish), synthetic rubber, weathering and ozone resistant.

COMMONLY AVAILABLE UPON REQUEST

DIFFERENT DIAMETER
  DIFFERENT COLOR OF RUBBER
  DIFFERENT WORKING PRESSURE
  DIFFERENT LENGHT
  DIFFERENT TEMPERATURE

| LAY FLAT WATER DISCHARGE HOSE |       |      |              |     |               |     |             |     |
|-------------------------------|-------|------|--------------|-----|---------------|-----|-------------|-----|
| I.D.                          |       | O.D. | WORK PRESURE |     | BURST PRESURE |     | MAX. LENGTH |     |
| INCH                          | MM    | MM   | BAR          | PSI | BAR           | PSI | M           | FT  |
| 1-5/8"                        | 41.3  | 49   | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-3/4"                        | 44.5  | 52.5 | 10           | 150 | 30            | 450 | 60          | 200 |
| 1-7/8"                        | 47.6  | 55   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2"                            | 50.8  | 58   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/8"                        | 54    | 62   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-1/4"                        | 57.2  | 65   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-3/8"                        | 60.3  | 68   | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-1/2"                        | 63.5  | 72   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-5/8"                        | 66.7  | 75   | 10           | 150 | 30            | 450 | 60          | 200 |
| 2-3/4"                        | 69.9  | 77.5 | 10           | 150 | 30            | 450 | 40          | 130 |
| 2-7/8"                        | 73    | 81   | 10           | 150 | 30            | 450 | 40          | 130 |
| 3"                            | 76.2  | 85   | 6            | 90  | 18            | 270 | 60          | 200 |
| 3-1/8"                        | 79.4  | 88   | 6            | 90  | 18            | 270 | 40          | 130 |
| 3-1/2"                        | 88.9  | 98   | 6            | 90  | 18            | 270 | 60          | 200 |
| 4"                            | 101.6 | 110  | 6            | 90  | 18            | 270 | 60          | 200 |
| 4-1/2"                        | 114.3 | 123  | 6            | 90  | 18            | 270 | 30          | 100 |
| 5"                            | 127   | 137  | 6            | 90  | 18            | 270 | 30          | 100 |
| 6"                            | 152.4 | 164  | 6            | 90  | 18            | 270 | 30          | 100 |
| 6-5/8"                        | 168.3 | 181  | 6            | 90  | 18            | 270 | 30          | 100 |
| 8"                            | 203.2 | 217  | 6            | 90  | 18            | 270 | 30          | 100 |
| 8-5/8"                        | 219.1 | 233  | 6            | 90  | 18            | 270 | 30          | 100 |
| 10"                           | 254   | 268  | 5            | 75  | 15            | 225 | 12          | 40  |
| 12"                           | 304.8 | 319  | 5            | 75  | 15            | 225 | 12          | 40  |



**The Global leader for Rubber Hoses.**

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