

# NDUSTRIAL

# RUBBER

HOSE



182 North Reef Rd. Activia Park, Elandsfontein P.O. Box 752 308, Gardenview, 2047

SPECIALISTS IN INDUSTRIAL HOSES & COUPLINGS

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### **Green-Stripe Mining Hose**

| HOSE | E ID (mm) | APPROX. OD | RATED WP | NO. OF |                     |
|------|-----------|------------|----------|--------|---------------------|
| NOM. | ACT.      | (mm)       | (kpa)    | PLIES  | APPROX. MASS (kg/m) |
| 10   | 9,5       | 17,5       | 1200     | 2      | 0,20                |
| 12.5 | 12,7      | 21,7       | 1200     | 2      | 0,34                |
| 16   | 15,9      | 25,3       | 1200     | 2      | 0,42                |
| 20   | 19,1      | 28,1       | 1100     | 2      | 0,47                |
| 25   | 25,4      | 35,2       | 1000     | 2      | 0,65                |
| 32   | 31,8      | 43,8       | 500      | 2      | 1,21                |
| 40   | 38,1      | 49,5       | 500      | 2      | 1,48                |
| 45   | 44,5      | 55,7       | 500      | 2      | 2,39                |
| 50   | 50,8      | 62,7       | 500      | 2      | 1.90                |
| 63   | 63,5      | 75,8       | 500      | 2      | 3,20                |
| 75   | 76,2      | 88,1       | 500      | 2      | 3,80                |
| 100  | 101,6     | 113,1      | 500      | 2      | 4,80                |

#### Recommended for

Underground mining and industrial air and water pressure applications. This range meets the requirements of L.D. SABS 988 Specification up to 25mm, 32mm to 100mm has 3: 1 safety factor.

Type F, NR/SBR compound.

#### Reinforcement:

Two plies of high strength synthetic yarn spirally applied.

Weather and abrasion resistant NR/SBR compound with a green colored identification stripe.

#### **Recommended Temp. Range:**

-20 °C to +80 °C

#### **Hose Ends:**

Plain

#### Lengths:

Up to 25mm ID -30,60- 30m. 32 to 100 mm ID

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### Gold Stripe Mining Hose

| HOS  | E ID (mm) | APPROX. OD | RATED WP | NO. OF | ABBBOY 14400 (L. / ) |
|------|-----------|------------|----------|--------|----------------------|
| NOM. | ACT.      | (mm)       | (kpa)    | PLIES  | APPROX. MASS (kg/m)  |
| 10   | 9,5       | 20,1       | 1700     | 2      | 0,34                 |
| 12.5 | 12,7      | 23,1       | 1700     | 2      | 0,41                 |
| 16   | 15,9      | 26,7       | 1550     | 2      | 0,51                 |
| 20   | 19,1      | 29,5       | 1350     | 2      | 0,60                 |
| 25   | 25,4      | 36,8       | 1000     | 2      | 0,78                 |
| 32   | 31,8      | 49,5       | 1000     | 2      | 1,31                 |
| 40   | 38,1      | 54,3       | 1000     | 2      | 1,61                 |
| 45   | 44,5      | 60,7       | 1000     | 2      | 2,52                 |
| 50   | 50,8      | 66,7       | 1000     | 2      | 2,00                 |
| 63   | 63,5      | 79,8       | 1000     | 2      | 3,39                 |
| 75   | 76,2      | 92,1       | 1000     | 2      | 4,00                 |
| 100  | 101,6     | 117,1      | 1000     | 2      | 5,15                 |

#### Recommended for:

Air and water pressure applications where maximum resistance to arduous service conditions is required. This range meets the requirements of H.D. SABS 988 Specification up to 50mm, and is widely accepted as an outstanding heavy duty mining and industrial hose.

#### Liner:

Type F, NR/SBR compound.

#### **Reinforcement:**

Two plies of high tensile synthetic yarn spirally applied.

Weather and abrasion resistant NR/SBR compound with a yellow colored identification stripe.

#### **Recommended Temp. Range:**

 $-20^{\circ}$ C to  $+80^{\circ}$ C

#### **Hose Ends:**

Plain

#### Lengths:

Up to 25mm ID -30, 60

32 to 100 mm ID - 30 m.

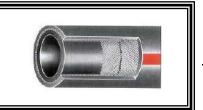
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### Oil Resistant Mining Hose

| HOSE | E ID (mm) | APPROX. OD | RATED WP | NO. OF | ADDDOV MACC (kg/m)  |
|------|-----------|------------|----------|--------|---------------------|
| NOM. | ACT.      | (mm)       | (kpa)    | PLIES  | APPROX. MASS (kg/m) |
| 10   | 9,5       | 17,5       | 1700     | 2      | 0,35                |
| 12.5 | 12,7      | 21,7       | 1700     | 2      | 0,41                |
| 16   | 15,9      | 25,3       | 1550     | 2      | 0,52                |
| 20   | 19,1      | 28,1       | 1350     | 2      | 0,61                |
| 25   | 25,4      | 35,2       | 1000     | 2      | 0,80                |
| 32   | 31,8      | 51,1       | 850      | 2      | 1,63                |
| 40   | 38,1      | 56,8       | 750      | 2      | 1,91                |
| 50   | 50,8      | 65,5       | 750      | 2      | 2,40                |
| 63   | 63,5      | 86,3       | 750      | 2      | 3,87                |
| 75   | 76,2      | 98,6       | 750      | 2      | 4,52                |
| 100  | 101,6     | 123,6      | 750      | 2      | 5,15                |

#### Recommended for:

Air and water pressure applications where resistance to heat, oil and oily vapours are required. Especially suitable for heavy duty air line, oil lubricated, pneumatic tools.

#### Liner:

Oil resistant synthetic compound.

#### **Reinforcement:**

Two plies of high tensile synthetic yarn spirally applied.

Type F, weather and abrasion resistant NR/SBR compound with a red colored identification stripe.

#### **Recommended Temp. Range:**

-20 °C to +80 °C

#### Hose Ends:

Plain

#### Lengths:

Up to 25mm ID -30m lengths 32 to 100 mm ID - 30 m lengths

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### Fire Reel Hose

| SIZE ID (mm) | SIZE OD (mm) | WP (kpa) |
|--------------|--------------|----------|
|              |              |          |
|              |              |          |
|              |              |          |
| 20           | 27.5         | 1000     |
|              |              |          |

#### Recommended for:

Fire reel applications which will not flatten or distort while coiled in a reel, in use the hose will remain flexible and resist kinking.

#### Liner:

Black synthetic rubber

#### **Reinforcement:**

High strength synthetic yarn.

#### Cover:

Smooth red synthetic rubber, EPPM cover

#### **Recommended Temp. Range:**

-25 °C to + 120 °C

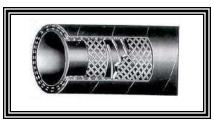
#### **Available Lengths:**

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### Water Suction Hose Light Duty

| HOSE | HOSE ID (mm) |       | RATED WP | SUCTION | MINI DEND DADILIC (*****) |
|------|--------------|-------|----------|---------|---------------------------|
| NOM. | ACT.         | (mm)  | (kpa)    | (kpa)   | MIN. BEND RADIUS (mm)     |
| 32   | 31,8         | 47    | 500      | 70      | 4 x OD                    |
| 38   | 39.0         | 52.4  | 500      | 70      | 4 x OD                    |
| 50   | 50.4         | 65.1  | 500      | 70      | 4 x OD                    |
| 63   | 63.5         | 78.6  | 500      | 70      | 4 x OD                    |
| 75   | 75.8         | 92.1  | 500      | 70      | 4 x OD                    |
| 100  | 100.8        | 117.1 | 500      | 70      | 4 x OD                    |

#### **Recommended for:**

General suction and delivery applications

#### Liner:

NR Compound

#### **Reinforcement:**

Galvanized wire helix embedded between two plies of braided synthetic yarn.

#### Cover

NR compound, weather and abrasion resistant.

#### **Recommended Temp. Range:**

-20 °C to +80 °C

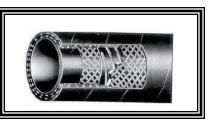
#### **Lengths:**

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### Water Suction Hose Heavy Duty

| HOSE ID (mm) |       | APPROX. OD | RATED WP | SUCTION (kpa) | MIN. BEND RADIUS (mm) |
|--------------|-------|------------|----------|---------------|-----------------------|
| NOM.         | ACT.  | (mm)       | (kpa)    | , ,           | (                     |
| 32           | 32.3  | 47.0       | 1000     | 80            | 4 x OD                |
| 38           | 38.0  | 52.7       | 1000     | 80            | 4 x OD                |
| 45           | 44.4  | 59.1       | 1000     | 80            | 4 x OD                |
| 50           | 50.4  | 65.1       | 1000     | 80            | 4 x OD                |
| 63           | 63.5  | 78.6       | 1000     | 80            | 4 x OD                |
| 75           | 75.8  | 96.1       | 1000     | 80            | 4 x OD                |
| 100          | 100.8 | 121.1      | 1000     | 80            | 4 x OD                |

#### **Recommended for:**

General suction and delivery applications

#### Liner:

NR Compound

#### **Reinforcement:**

Galvanized wire helix embedded between two plies of braided synthetic yarn.

#### Cover:

NR compound, weather and abrasion resistant.

#### **Recommended Temp. Range:**

-20 °C to +80 °C

#### **Lengths:**

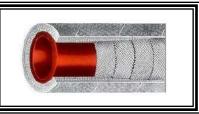
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| HOS  | E ID (mm) | APPROX. OD | RATED WP | ADDDOV MACC //ca/m\ |
|------|-----------|------------|----------|---------------------|
| NOM. | ACT.      | (mm)       | (kpa)    | APPROX. MASS (kg/m) |
| 20   | 19,1      | 34,6       | 1000     | 1,00                |
| 25   | 25,4      | 40,4       | 1000     | 1,20                |
| 32   | 31,8      | 50,5       | 1000     | 1,78                |
| 38   | 38,1      | 58,6       | 1000     | 1,74                |
| 42   | 41,4      | 63,3       | 1000     | 2,21                |
| 45   | 44,5      | 65,0       | 1000     | 2,31                |
| 48   | 47,6      | 69,4       | 1000     | 2,47                |
| 50   | 50,8      | 71,6       | 1000     | 2,56                |
| 57   | 57,2      | 79,0       | 1000     | 2,87                |
| 63   | 63,5      | 83,1       | 1000     | 3,14                |
| 75   | 76,2      | 94,4       | 1000     | 4,10                |
| 100  | 101       | 123        | 1000     | 4.89                |

#### NB: RED AND WHITE LINER AVAILABLE

#### Recommended for:

Conveyance of coolant water in foundries where the hose is required to have electrically nonconductive

Properties and be resistant to a high temperature environment.

Type E, non conductive EPDM compound. (Red liner)

#### **Reinforcement:**

Multiple plies of synthetic fabric.

One ply of rubber impregnated heat shield fabric.

#### **Recommended Temp. Range:**

Hose is protected against high temperature external, environmental conditions.

#### **Hose Ends:**

Plain

#### Lengths:

15 and 30m lengths only

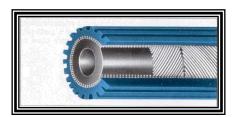
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### Blue Welding Hose

| HOSE | ID (mm) | APPROX. | RATED    | APPROX.        |           | LENGTHS |
|------|---------|---------|----------|----------------|-----------|---------|
| NOM. | ACT.    | OD (mm) | WP (kpa) | MASS<br>(kg/m) | SPEC. NO. | (m)     |
| 6.3  | 6.3     | 14.7    | 1200     | 0.19           | 1062      | RANDOM  |
| 8    | 7.9     | 16.0    | 1200     | 0.22           | 1062      | RANDOM  |
| 8    | 7.9     | 16.0    | 1200     | 0.22           | 1062      | 18      |
| 8    | 7.9     | 16.0    | 1200     | 0.22           | 1062      | 30      |
| 8    | 7.9     | 16.0    | 1200     | 0.22           | 1062      | 50      |
| 8    | 7.9     | 16.0    | 1200     | 0.22           | 1062      | 100     |
| 10   | 9.5     | 18.0    | 1200     | 0.25           | 1062      | 30      |
| 12.5 | 12.7    | 20.3    | 1200     | 0.26           | 1062      | 30      |

#### Recommended for:

All welding and cutting applications requiring light, flexible hose conforming to SABS Specification 582.

#### Liner:

Type F, Ignition resistant NR/SBR compound.

#### **Reinforcement:**

Two spiral plies of synthetic yarn.

#### Cover

Colored for gas identification – red or blue. Weather and abrasion resistant NR/SBR compound.

- \* Red for acetylene
- \* Blue for oxygen

#### **Hose Ends:**

Plain

#### Lengths:

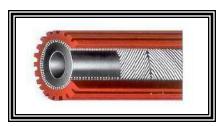
Set lengths, as well as long random lengths available. Hoses cannot be joined into longer lengths. 6m,12m,18m,30m,50m,100m-random lengths included-8mm welding hose only.

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### Red Welding Hose

| HOSE | ID (mm) | APPROX. | APPROX.  | RATED       | APPROX. | LENGTHS |
|------|---------|---------|----------|-------------|---------|---------|
| NOM. | ACT.    | OD (mm) | WP (kpa) | MASS (kg/m) | (m)     |         |
| 6,3  | 6,3     | 14,7    | 1200     | 0,19        | RANDOM  |         |
| 8    | 7,9     | 16,0    | 1200     | 0,22        | RANDOM  |         |
| 8    | 7.9     | 16,0    | 1200     | 0,22        | 18      |         |
| 8    | 7.9     | 16,0    | 1200     | 0,22        | 30      |         |
| 8    | 7.9     | 16,0    | 1200     | 0,22        | 50      |         |
| 8    | 7.9     | 16,0    | 1200     | 0,22        | 100     |         |
| 10   | 9,5     | 18,0    | 1200     | 0,25        | 30      |         |
| 12,5 | 12,7    | 20,3    | 1200     | 0,26        | 30      |         |

#### Recommended for:

All welding and cutting applications requiring light, flexible hose conforming to SABS Specification 582.

#### Liner

Type F, Ignition resistant NR/SBR compound.

#### **Reinforcement:**

Two spiral plies of synthetic yarn.

#### Cover:

Colored for gas identification - red or blue. Weather and abrasion resistant NR/SBR compound.

- \* Red for acetylene
- \* Blue for oxygen

#### **Hose Ends:**

Plain

#### Lengths:

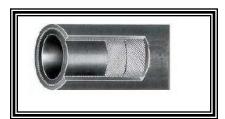
Set lengths, as well as long random lengths available. Hoses cannot be joined into longer lengths. 6m,12m,18m,30m,50m,100m-random lengths included-8mm welding hose only.

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### Smooth Cover Black Air Line Hose

| HOSE | E ID (mm) | . APPROX. OD | RATED WP | NO. OF |                     |
|------|-----------|--------------|----------|--------|---------------------|
| NOM. | ACT.      | (mm)         | (kpa)    | PLIES  | APPROX. MASS (kg/m) |
| 6.0  | 6.3       | 14           | 1500     | 2      | 0.19                |
| 8.0  | 7.9       | 16           | 1500     | 2      | 0.22                |
| 10.0 | 9.5       | 17           | 1500     | 2      | 0.26                |

#### Recommended for:

Industrial air and water pressure applications,

Liner:

NR/SBR compound.

**Reinforcement:** 

Two plies of high tensile synthetic yarn spirally applied.

Cover

Smooth weather and abrasion resistant SBR compound. (Black).

**Recommended Temp. Range:** 

-20°C to +80°C

**Hose Ends:** 

Plain

Lengths:

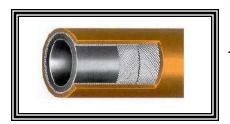
Long random lengths with a minimum of 30m and 100m coils available.

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### Orange Domestic Gas Hose

| HOSE ID (mm) |      | APPROX. OD | RATED WP | NO. OF | APPROX. MASS (kg/m) |
|--------------|------|------------|----------|--------|---------------------|
| NOM.         | ACT. | (mm)       | (kpa)    | PLIES  | ,                   |
| 6.0          | 6.3  | 14         | 1500     | 2      | 0.19                |
| 8.0          | 7.9  | 16         | 1500     | 2      | 0.22                |
| 10.0         | 9.5  | 17         | 1500     | 2      | 0.26                |

#### Recommended for:

Recommended for hose connection between LP gas storage cylinders and domestic appliances,

### Also suitable for use as **oil resistant airline hose** – SABS 1156 **Liner:**

Type B, LP gas resistant nitrile compound.

#### **Reinforcement:**

Two spiral plies of synthetic yarn.

#### **Cover:**

Type B, Orange cover PVC/NBR oil, heat and weather resistant compound.

#### **Recommended Temp. Range:**

-20 °C to +90 °C

#### **Hose Ends:**

Plain

#### Lengths:

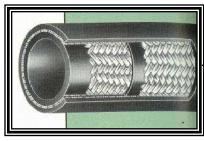
Sizes under 10mm available in long random lengths,60m lengths include Sizes above 10mm available in 30m and 60m lengths

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### <u>Air Brake Hoses</u> (SAE J1402-unarmoured

| HOSE ID (mm) | APPROX. OD (mm) | RATED WP (kpa) | NO. OF<br>PLIES |
|--------------|-----------------|----------------|-----------------|
| 12.5         | 22.0            | 1550           | 2               |

#### Recommended for:

Air activated automotive brake systems.

#### Liner:

Nitrile compound

#### **Reinforcement:**

Plies of braided high strength synthetic yarn.

#### Cover:

Weather & abrasion resistant, Neoprene Compound.

#### **Recommended Temp. Range:**

-20 °C to +80 °C

#### **Available Lengths**

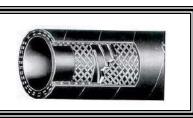
Available in 100m lengths

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### Bulk Suction and Delivery Fuel Road Tanker HOSE

| HOSE ID (mm) | APPROX. OD (mm) | RATED WP (kpa) | SUCTION (kpa) |
|--------------|-----------------|----------------|---------------|
| 32           | 32.3            | 1050           | 80            |
| 38           | 38.0            | 1050           | 80            |
| 50           | 50.4            | 1050           | 80            |
| 63           | 63.5            | 1050           | 80            |
| 75           | 75.8            | 1050           | 80            |
| 100          | 100.8           | 1050           | 80            |

#### Recommended for:

Petrol discharge and conveying fuels with an aromatic content not exceeding 50%

#### Liner:

Type B Nitrile compound

#### **Reinforcement:**

Galvanized wire helix embedded between two plies of braided synthetic yarn.

#### Cover

Type B, weather & abrasion resisting nitrile compound.

#### **Recommended Temp. Range:**

-20 °C to +80 °C

#### **Available Lengths:**

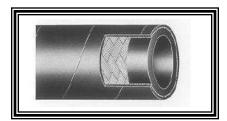
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### Flexible Braided Kerbside Petrol Pump Hose

| HOSE I | ID (mm) | APPROX. OD | RATED WP | SUCTION | MIN. BEND   | APPROX.     |
|--------|---------|------------|----------|---------|-------------|-------------|
| NOM.   | ACT.    | (mm)       | (kpa)    | (kpa)   | RADIUS (mm) | MASS (kg/m) |
| 16     | 15,9    | 26,0       | 1000     | 70      | 55          | 0,46        |
| 16 (G) | 15,9    | 26,0       | 1000     | 70      | 55          | 0,46        |
| 20     | 19,1    | 31,0       | 1000     | 70      | 60          | 0,75        |
| 25     | 25,4    | 37,0       | 1000     | 70      | 75          | 0,90        |

#### **Recommended for:**

Pump dispensing of petrol and diesel fuels ( with an aromatic content not exceeding 60% ) and where flexibility and good reeling characteristics are required.

#### Liner:

Type B, nitrile compound.

#### **Reinforcement:**

Single brass wire braid for flexibility.

#### Cover:

Type A, weather & abrasion resisting neoprene or hypalon compound.

#### **Recommended Temp. Range:**

-25 C to + 60 C

#### **Available Lengths:**

30 and 60m lengths

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### <u>Farm Fuel Tank Hose</u> <u>Orange</u>

| HOSE ID (mm) |      | APPROX. OD | RATED WP | ADDDOV MAGO (L. / ) |
|--------------|------|------------|----------|---------------------|
| NOM.         | ACT. | (mm)       | (kpa)    | APPROX. MASS (kg/m) |
| 25           | 25,4 | 34,7       | 500      | 0,61                |

#### **Recommended for:**

Gravity or low pressure discharge of petrol and diesel fuels from overhead storage tanks found on farms and construction sites.

#### Liner:

Type B, nitrile compound.

#### **Reinforcement:**

Two spiral plies of synthetic yarn

#### Cover

Type B, Orange PVC/NBR compound – oil, weather and abrasion resistant.

#### **Recommended Temp. Range:**

-20 C to + 40 C

#### **Available Lengths:**

2.5m and 30m lengths

182 North Reef Rd, Activia Park, Elandsfontein

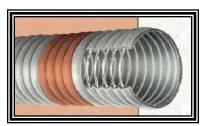
P.O. Box 752 308, Gardenview, 2047 SPECIALISTS IN INDUSTRIAL HOSES & COUPLINGS

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Fax: 011 822 7538

Cell:

083 271 1590 078 108 8554

e-mail: sales@hoseandcouplings.co.za



### Tanker Discharge Hose

| HOSE ID (mm) | APPROX. OD (mm) | RATED WP (kpa) | SUCTION (kpa) |
|--------------|-----------------|----------------|---------------|
| 100          | 115             | 350            | 60            |

#### **Recommended for:**

Petrol discharge and conveying fuels with an aromatic content not exceeding 50%

#### Liner:

Nitrile compound

#### **Reinforcement:**

Galvanized wire helix embedded between two plies of braided synthetic yarn.

#### Cover

Type B, weather & abrasion resisting nitrile compound.

#### **Recommended Temp. Range:**

-20 °C to +80 °C

#### **Available Lengths**

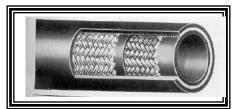
4, 4.5 & 6 meters.

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### Cementation Hoses

| HOSE ID<br>(mm) | APPROX OD<br>(mm) | RATED<br>WP (kpa) |
|-----------------|-------------------|-------------------|
| 75              | 95.8              | 500               |
| 100             | 120.8             | 500               |

#### **Recommended for:**

Handling cement powder. Hose incorporates an abrasion resistant resistant liner. It can be used to discharge cement in bulk from road tankers.

#### Liner:

6mm abrasion resistant

#### **Reinforcement:**

2 plies textile reinforced (softwall construction)

#### Cover:

Natural rubber weather resistant and ozone resistant.

#### **Recommended Temp. Range:**

-25 °C to +60 °C

#### **Available Lengths:**

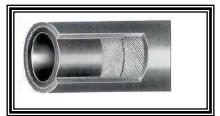
Maximum 18m lengths only-also available in 125mm id

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### <u>Sand /Shot blast Hose</u> <u>Light Duty</u>

| HOSE ID (mm) | APPROX. OD (mm) | RATED WP (kpa) |
|--------------|-----------------|----------------|
| 32           | 48,4            | 750            |
| 40           | 54,1            | 750            |
| 45           | 61,1            | 750            |
| 50           | 68,0            | 750            |

#### **Recommended for:**

Sand and shot blast applications, where extremely robust, but flexible hose is required.

#### Liner:

Abrasion resistant, SBR compound.

#### **Reinforcement:**

Multiple plies of synthetic textile fabric

#### Cover:

Weather and abrasion resistant NR/SBR compound.

#### Recommended Temp. Range:

-20 °C to +80 °C

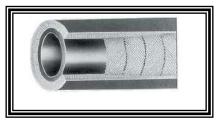
#### Lengths:

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### <u>Sand /Shot blast Hose</u> <u>Heavy Duty</u>

| HOSE ID (mm) | APPROX. OD (mm) | RATED WP (kpa) |
|--------------|-----------------|----------------|
| 20           | 37,1            | 1200           |
| 25           | 44,0            | 1200           |
| 32           | 54,0            | 1200           |
| 40           | 65,0            | 1200           |
| 50           | 78,0            | 1200           |
| 63           | 87,0            | 1200           |
| 75           | 96,0            | 1200           |

#### Recommended for:

Heavy duty Sand and shot blast applications, where extremely robust, but flexible hose is required.

#### Liner

Abrasion resistant, SBR compound.

#### **Reinforcement:**

Multiple plies of synthetic textile fabric

#### Cover

Type F weather and abrasion resistant NR/SBR compound.

#### **Recommended Temp. Range:**

-20 °C to +80 °C

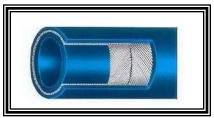
#### Lengths:

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### Beverage Hose Beer and Milk

| HOS  | E ID (mm) |                 |                |  |
|------|-----------|-----------------|----------------|--|
| NOM. | ACT.      | APPROX. OD (mm) | RATED WP (kpa) |  |
| 25   | 25.4      | 42.4            | 1400           |  |
| 32   | 31.8      | 52.1            | 1400           |  |
| 40   | 38.1      | 60.2            | 1000           |  |
| 50   | 50.8      | 73.8            | 1000           |  |
| 63   | 63.5      | 87.0            | 1000           |  |
| 75   | 76.2      | 99.7            | 1000           |  |
| 100  | 101.6     | 125.1           | 1000           |  |

#### **Recommended for:**

Conveying Beer, Milk and Fruit Juices

Liner:

White Natural Rubber (Non Tainting)

**Reinforcement:** 

Multiple plies of braided synthetic yarn.

**Cover:** 

Type F, weather & abrasion resistant blue NR/SBR compound.

**Recommended Temp. Range:** 

-20 °C to +80 °C (also suitable for intermittent sterilization @ 120 °C)

**Hose Ends:** 

Plain

Lengths:

18metres

30m-softwall and hardwall hose available made to FDA standards

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### <u>Beverage Hose</u> Wine

| HOS  | E ID (mm) |                 | 4              |  |
|------|-----------|-----------------|----------------|--|
| NOM. | ACT.      | APPROX. OD (mm) | RATED WP (kpa) |  |
| 50   | 50.4      | 67.4            | 700            |  |
| 63   | 63.5      | 84.5            | 700            |  |
| 75   | 75.8      | 96.8            | 700            |  |

#### **Recommended for:**

Delivery of wine ( not suitable for spirits )

Liner:

Type F Red food grade NR com, pound

**Reinforcement:** 

Galvanized wire helix between multiple plies of woven textile fabric.

Cover:

Red weather& abrasion resistant compound.

**Recommended Temp. Range:** 

-20 °C to +80 °C (also suitable for intermittent sterilization @ 120 °C)

**Hose Ends:** 

Plain

Lengths:

18metres

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### SATURATED STEAM HOSE

APPLICATION: Multipurpose steam hose used in construction, shipping and petrochemical industries

TEMPERATURE: -30°C + 230°C

TUBE: EPDM, black, smooth

REINFORCEMENT: 2 High tensile steel braids

COVER: SBR/EPDM, red, pin-pricked, smooth cloth impression-heat abrasion and ozone resistant

| CODE       | ID/INCH | ID/mm | WP/Bar | WP/PSI |
|------------|---------|-------|--------|--------|
| HP18-13-25 | 1/2     | 13    | 18     | 261    |
| HP18-19-32 | 3/4     | 19    | 18     | 261    |
| HP18-25-38 | 1       | 25    | 18     | 261    |



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### MILK AND FATTY FOODS HOSE

APPLICATION: Delivery of milk and other dairy products, edible oils and non-alcoholic beverages

TEMPERATURE: -30°C + 100°C

NORM: FDA

TUBE: NBR, white, smooth, food quality-caustic resistance of up to 50%

REINFORCEMENT: High tensile textile cord embedded between layers

COVER: SBR/EPDM, blue, smooth with cloth impression

| CODE         | ID/INCH | ID/mm | WP/Bar | WP/PSI |
|--------------|---------|-------|--------|--------|
| FSDNBR-38-48 | 1 1/2   | 38    | 10     | 145    |
| FSDNBR-51-61 | 2       | 51    | 10     | 145    |
| FSDNBR-76-88 | 3       | 76    | 10     | 145    |



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10

APPLICATION: Non-conductive multipurpose hose

TEMPERATURE: -30°C + 85°C

TUBE: NBR, black, smooth

REINFORCEMENT: High tensile textile cords COVER: CR, red with cloth impression

| CODE       | ID/INCH | ID/mm | WP/Bar | WP/PSI |
|------------|---------|-------|--------|--------|
| MP20-13-23 | 1/2     | 13    | 20     | 290    |
| MP20-19-29 | 3/4     | 19    | 20     | 290    |
| MP20-25-37 | 1       | 25    | 20     | 290    |



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### CHEMICAL SUCTION AND DELIVERY HOSE

APPLICATION: Suction and delivery of 98% of known acids and chemicals

TEMPERATURE: -30°C + 80°C

REINFORCEMENT: High tensile textile cord,

oil and weather resistant

| CODE          | ID/INCH | ID/mm | WP/Bar | WP/PSI |
|---------------|---------|-------|--------|--------|
| UPE16-25-37   | 1       | 25    | 16     | 232    |
| UPE16-32-44   | 1 1/4   | 32    | 16     | 232    |
| UPE16-38-50   | 1 1/2   | 38    | 16     | 232    |
| UPE16-51-67   | 2       | 51    | 16     | 232    |
| UPE16-76-92   | 3       | 76    | 16     | 232    |
| UPE16-102-118 | 4       | 102   | 16     | 232    |



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### **HYDRAULIC HOSE-4SH**

14

APPLICATION: Hydraulic systems with high peak pressures and arduous operating conditions

TEMPERATURE: -40°C + 100°C NORM: Din 20023 part 2 type 4SH

TUBE: NBR, black, oil resistant

REINFORCEMENT: 4 High tensile steel spirals

COVER: SBR, black, abrasion,oil and weather resistant

| CODE   | ID/INCH | ID/mm | WP/Bar | WP/PSI |
|--------|---------|-------|--------|--------|
| 4SH-12 | 3/4     | 19    | 420    | 6091   |
| 4SH-16 | 1       | 25    | 380    | 5511   |
| 4SH-20 | 1 1/4   | 32    | 325    | 4713   |
| 4SH-24 | 1 1/2   | 38    | 290    | 4205   |
| 4SH-32 | 2       | 51    | 250    | 3625   |



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### **HYDRAULIC HOSE-4SP**

13

APPLICATION: Hydraulic systems with high peak pressures and arduous operating conditions

TEMPERATURE: -40°C + 100°C NORM: Din 20023 part 1 type 4SP

TUBE: NBR, black, oil resistant

REINFORCEMENT: 4 High tensile steel spirals

COVER: SBR, black, abrasion,oil and weather

| CODE   | ID/INCH | ID/mm | WP/Bar | WP/PSI |
|--------|---------|-------|--------|--------|
| 4SP-06 | 3/8     | 10    | 445    | 6453   |
| 4SP-08 | 1/2     | 13    | 415    | 6018   |
| 4SP-10 | 5/8     | 16    | 350    | 5076   |
| 4SP-12 | 3/4     | 19    | 350    | 5076   |
| 4SP-16 | 1       | 25    | 280    | 4060   |
| 4SP-20 | 1 1/4   | 32    | 210    | 3045   |
| 4SP-24 | 1 1/2   | 38    | 185    | 2683   |
| 4SP-32 | 2       | 51    | 175    | 2538   |

TO PRODUCK INDEX



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### HYDRAULIC HOSE -1SN

APPLICATION: Hydraulic systems with high peak pressures and arduous

operating conditions

TEMPERATURE: -40°C to +100°C

NORM: Din 20022 part 1 type 1SN

TUBE: NBR, black, oil resistant

**REINFORCEMENT:** 1 High tensile steel spiral

COVER: SBR, black, abrasion, oil and weather resistant

| CODE   | ID/INCH | ID/MM | WP/BAR | WP/PSI |
|--------|---------|-------|--------|--------|
| 1SN-04 | 1/4     | 6.4   | 225    | 3263   |
| 1SN-05 | 5/16    | 8     | 215    | 3118   |
| 1SN-06 | 3/8     | 10    | 180    | 2610   |
| 1SN-08 | 1/2     | 13    | 160    | 2320   |
| 1SN-10 | 5/8     | 16    | 130    | 1885   |
| 1SN-12 | 3/4     | 19    | 105    | 1523   |
| 1SN-16 | 1       | 25    | 88     | 1276   |
| 1SN-20 | 1 1/4   | 32    | 63     | 914    |
| 1SN-24 | 1 1/2   | 38    | 50     | 725    |
| 1SN-32 | 2       | 51    | 40     | 580    |

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### HYDRAULIC HOSE -2SN

APPLICATION: Hydraulic systems with high peak pressures and arduous operating conditions

TEMPERATURE: -40°C to +100°C

NORM: Din 20022 part 1 type 2SN

TUBE: NBR, black, oil resistant

**REINFORCEMENT:** 2 High tensile steel spirals

COVER: SBR, black, abrasion, oil and weather resistant

| CODE   | ID/INCH | ID/MM | WP/BAR | WP/PSI |
|--------|---------|-------|--------|--------|
| 2SN-04 | 1/4     | 6.4   | 400    | 5800   |
| 2SN-05 | 5/16    | 8     | 350    | 5075   |
| 2SN-06 | 3/8     | 10    | 330    | 4785   |
| 2SN-08 | 1/2     | 13    | 275    | 3988   |
| 2SN-10 | 5/8     | 16    | 250    | 3625   |
| 2SN-12 | 3/4     | 19    | 215    | 3118   |
| 2SN-16 | 1       | 25    | 165    | 2393   |
| 2SN-20 | 1 1/4   | 32    | 125    | 1813   |
| 2SN-24 | 1 1/2   | 38    | 90     | 1305   |
| 2SN-32 | 2       | 51    | 80     | 1160   |

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### HYDRAULIC HOSE -1SN

APPLICATION: Hydraulic systems with high peak pressures and arduous

operating conditions

TEMPERATURE: -40°C to +100°C

NORM: Din 20022 part 1 type 1SN

TUBE: NBR, black, oil resistant

**REINFORCEMENT:** 1 High tensile steel spiral

COVER: SBR, black, abrasion, oil and weather resistant

| CODE   | ID/INCH | ID/MM | WP/BAR | WP/PSI |
|--------|---------|-------|--------|--------|
| 1SN-04 | 1/4     | 6.4   | 225    | 3263   |
| 1SN-05 | 5/16    | 8     | 215    | 3118   |
| 1SN-06 | 3/8     | 10    | 180    | 2610   |
| 1SN-08 | 1/2     | 13    | 160    | 2320   |
| 1SN-10 | 5/8     | 16    | 130    | 1885   |
| 1SN-12 | 3/4     | 19    | 105    | 1523   |
| 1SN-16 | 1       | 25    | 88     | 1276   |
| 1SN-20 | 1 1/4   | 32    | 63     | 914    |
| 1SN-24 | 1 1/2   | 38    | 50     | 725    |
| 1SN-32 | 2       | 51    | 40     | 580    |