



FLUID CONTROL SYSTEM

INDUSTRIAL HOSES



INDEX

SMOOTH FIBER BRAIDED HOSES

OXYGEN HOSES.....	1
ACETYLENE HOSES.....	1
LPG HOSES	2
TWIN HOSES	2
AIR/WATER HOSES	3
OIL HOSES	4
WASHING MACHINE HOSES.....	4
JACKHAMMER HOSES.....	4
FIRE HOSES.....	4
GENERAL PURPOSE HOSE-EPDM.....	5

WRAPPED FIBER BRAIDED RUBBER HOSES

AIR/WATER HOSES.....	5
OIL HOSES	5
STEAM HOSES.....	5
FIRE HOSES	5

WRAPPED TEXTILE CORDS RUBBER HOSES

AIR HOSES	6
OIL HOSES	8
STEAM HOSES	8
WATER DISCHARGE HOSES.....	9
SANDBLAST HOSES.....	10
FOOD HOSES.....	11
GENERAL PURPOSE HOSES.....	11
BULK MATERIAL DELIVERY HOSES.....	12
PLASTER PUMPING HOSES 40 BAR.....	13
PLASTER PUMPING HOSES 85 BAR.....	13
RIG SUPPLY HOSES	14

SUCTION HOSES WITH EMBEDDED STEEL HELIX WIRE

SUCTION WATER HOSES15

SUCTION OIL HOSES16

SUCTION ACID-CHEMICAL HOSES18

SUCTION BULK MATERIAL HOSES18

SUCTION FOOD HOSES18

RIG SUPPLY HOSES20

HOT TAR HOSES20

WIRE BRAIDED RUBBER HOSES

AIR HOSES21

STEAM HOSES.....22

SMOOTH FIBER BRAIDED HOSES

WHO-300B

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
6	1/4	13	0,51	20	300	60	2,50	0,150	0,100
8	5/16	15	0,59	20	300	80	3,00	0,180	0,120
10	3/8	17	0,67	20	300	100	4,00	0,210	0,140



Oxygen welding 20 bar (300 psi)

EN ISO 3821

Tube: Black SBR

Reinforcement: High tensile textile cords

Cover: Blue SBR/EPDM - abrasion and ozone resistant

Use: Oxygen welding

Safety factor: 3:1

Temperature: -25 °C +80 °C (-13 °F +176 °F)

WHR-200G

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,1	0,44	13,8	200	50	2,00	0,12	0,08
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,15	0,10
7,9	5/16	15,1	0,60	13,8	200	80	3,00	0,16	0,11
9,5	3/8	16,7	0,66	13,8	200	100	4,00	0,19	0,13



Application:

For welding service. Meets **RMA IP-7 standard for Grade H** welding hose.

Construction:

Tube: synthetic rubber

Cover: synthetic rubber smooth or ribbed surface

Reinforcement: braided textile

Temperature Range: -40°F to 120°F (-40°C to 49°C)ZZ

WHT-200G

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,1	0,44	13,8	200	50	2,00	0,12	0,08
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,15	0,10
7,9	5/16	15,1	0,60	13,8	200	80	3,00	0,18	0,11
9,5	3/8	16,7	0,66	13,8	200	100	4,00	0,21	0,14



Application:

For welding service. Meets **RMA IP-7 and CGA E-1 standards for Grade T** welding hose. Non-conductive.

Construction:

Tube: synthetic rubber compound compatible with all common welding fuel gases.

Cover: synthetic rubber smooth or ribbed surface

Reinforcement: braided textile

Temperature Range: -40°F to 120°F (-40°C to 49°C)

WHRM-200G

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,1	0,44	13,8	200	50	2,00	0,12	0,08
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,15	0,10
7,9	5/16	15,1	0,60	13,8	200	80	3,00	0,18	0,12
9,5	3/8	16,7	0,66	13,8	200	100	4,00	0,19	0,13
12,7	1/2	22,2	0,88	13,8	200	104	4,00	0,40	0,27



Application:

For welding service. Meets **RMA IP-7 standard for Grade RM** welding hose.

Construction:

Tube: synthetic rubber (non-conductive)

Cover: synthetic rubber smooth or ribbed surface

Reinforcement: Spiral synthetic yarn

Temperature Range: -40°F to 120°F (-40°C to 49°C)

WHI-300R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
6	1/4	13	0,51	20	300	60	2,50	0,150	0,100
8	5/16	15	0,59	20	300	80	3,00	0,180	0,120
10	3/8	17	0,67	20	300	100	4,00	0,210	0,140



Acetylene welding 20 bar (300 psi)

EN ISO 3821

Tube: Black SBR

Reinforcement: High tensile textile cords

Cover: Red SBR/EPDM - abrasion and ozone resistant

Use: Acetylene welding

Safety factor: 3:1

Temperature: -25 °C +80 °C (-13 °F +176 °F)

WHR-200R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,1	0,44	13,8	200	50	2,00	0,12	0,08
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,15	0,10
7,9	5/16	15,1	0,60	13,8	200	80	3,00	0,16	0,11
9,5	3/8	16,7	0,66	13,8	200	100	4,00	0,19	0,13



Application:

For welding service. Meets **RMA IP-7 standard for Grade R** welding hose.

Construction:

Tube: synthetic rubber

Cover: synthetic rubber smooth or ribbed surface

Reinforcement: braided textile

Temperature Range: -40°F to 120°F (-40°C to 49°C)

SMOOTH FIBER BRAIDED HOSES

WHT-200R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,1	0,44	13,8	200	50	2,00	0,12	0,08
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,15	0,10
7,9	5/16	15,1	0,60	13,8	200	80	3,00	0,18	0,12
9,5	3/8	16,7	0,66	13,8	200	100	4,00	0,21	0,14



Application:

For welding service. Meets **RMA IP-7** and **CGA E-1** standards for **Grade T** welding hose. Non-conductive.

Construction:

Tube: synthetic rubber compound compatible with all common welding fuel gases.

Cover: synthetic rubber smooth or ribbed surface

Reinforcement: braided textile

Temperature Range: -40°F to 120°F (-40°C to 49°C)

WHRM-200R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,1	0,44	13,8	200	50	2,00	0,12	0,08
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,15	0,10
7,9	5/16	15,1	0,60	13,8	200	80	3,00	0,18	0,12
9,5	3/8	16,7	0,66	13,8	200	100	4,00	0,19	0,13
12,7	3/8	22,2	0,88	13,8	200	104	4,00	0,40	0,13



Application:

For welding service. Meets **RMA IP-7** standard for **Grade RM** welding hose.

Construction:

Tube: synthetic rubber (non-conductive)

Cover: synthetic rubber smooth or ribbed surface

Reinforcement: Spiral synthetic yarn

Temperature Range: -40°F to 120°F (-40°C to 49°C)

WHLP-300/O

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
6	1/4	13	0,51	20	300	60	2,50	0,150	0,100
8	5/16	15	0,59	20	300	80	3,00	0,180	0,120
10	3/8	17	0,67	20	300	100	4,00	0,210	0,140



LPG hose 20 bar (300 psi)

EN ISO 3821

Tube: Black NBR

Reinforcement: High tensile textile cords

Cover: Orange SBR/EPDM - abrasion and ozone resistant

Use: LPG welding

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

WHTI-300BR

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
6	1/4	13	0,51	20	300	60	2,50	0,300	0,200
6+9	1/4+23/64	16	0,63	20	300	100	3,50	0,420	0,285
8	5/16	15	0,59	20	300	80	3,00	0,360	0,245
10	3/8	17	0,67	20	300	100	4,00	0,420	0,285



Oxygen/acetylene twin welding 20 bar (300 psi)

EN ISO 3821

Tube: Black SBR

Reinforcement: High tensile textile cords

Cover: Blue, red SBR/EPDM - abrasion and ozone resistant

Use: Oxygen/Acetylene twin welding

Safety factor: 3:1

Temperature: -25 °C +80 °C (-13 °F +176 °F)

WHTR-200GR

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,2	0,44	13,8	200	50	2,00	0,19	0,13
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,27	0,18
7,9	5/16	15,0	0,59	13,8	200	80	3,00	0,33	0,22
9,5	3/8	16,8	0,66	13,8	200	100	4,00	0,39	0,26



Application:

For welding service. Meets **RMA IP-7** standard for **Grade R** welding hose.

Construction:

Tube: synthetic rubber compatible with oxygen gases.

Cover: synthetic rubber smooth surface

Reinforcement: braided textile

Temperature Range: -40°F to 120°F (-40°C to 49°C)

WHTT-200GR

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,2	0,44	13,8	200	50	2,00	0,19	0,13
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,27	0,18
7,9	5/16	15,0	0,59	13,8	200	80	3,00	0,33	0,22
9,5	3/8	16,8	0,66	13,8	200	100	4,00	0,39	0,26



Application:

For welding service. Meets **RMA IP-7** and **CGA E-1** standards for **Grade T** welding hose. Non-conductive.

Construction:

Tube: synthetic rubber compatible with all common welding fuel gases

Cover: synthetic rubber smooth

Reinforcement: braided textile

Temperature Range: -40°F to 120°F (-40°C to 49°C)

SMOOTH FIBER BRAIDED HOSES

WHTRM-200GR

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,2	0,44	13,8	200	50	2,00	0,22	0,15
6,4	1/4	13,5	0,53	13,8	200	60	2,50	0,31	0,21
7,9	5/16	15,0	0,59	13,8	200	80	3,00	0,37	0,25
9,5	3/8	16,8	0,66	13,8	200	100	4,00	0,43	0,29



Application:

For welding service. Meets **RMA IP-7 standard for Grade RM** welding hose, Non-conductive,

Construction:

Tube: Synthetic rubber compatible with oxygen and acetylene gases

Cover: Chemivic™ synthetic rubber smooth cover

Reinforcement: Spiral synthetic yarn

Temperature Range: -40°F to 120°F (-40°C to 49°C)

WHTOL-300BO

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
8	5/16	15	0,59	20	300	80	3,00	0,360	0,245



Oxygen/LPG twin welding 20 bar (300 psi)

EN ISO 3821

Tube: Black SBR

Reinforcement: High tensile textile cords

Cover: Blue, orange SBR/EPDM - abrasion and ozone resistant

Use: Oxygen/LPG twin welding

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

AHST-300BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
6	1/4	12	0,51	20	300	48	2,00	0,160	0,110
8	5/16	14	0,59	20	300	64	2,50	0,190	0,130
10	3/8	17	0,67	20	300	80	3,00	0,220	0,150
13	1/2	21	0,83	20	300	104	4,00	0,310	0,210
16	5/8	24	0,98	20	300	128	5,00	0,430	0,290
19	3/4	28	1,14	20	300	152	6,00	0,550	0,370
25	1	35	1,38	20	300	200	8,00	0,690	0,465



Air 20 bar (300 psi) - standard duty

Tube: Black SBR/NBR - oil mist resistant

Reinforcement: High tensile textile cords

Cover: Black SBR - abrasion and ozone resistant

Use: Compressed air and general industrial applications

Safety factor: 3:1

Temperature: -25 °C +80 °C (-13 °F +176 °F)

AHHD-300BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
6	1/4	14	0,55	20	300	48	2,00	0,185	0,125
8	5/16	17	0,67	20	300	64	2,50	0,260	0,175
10	3/8	19	0,75	20	300	80	3,00	0,300	0,200
13	1/2	23	0,91	20	300	104	4,00	0,415	0,280
19	3/4	30	1,18	20	300	152	6,00	0,575	0,390
25	1	37	1,46	20	300	200	8,00	0,775	0,525



Compressed air 20 bar (300 psi) - heavy duty

Tube: Black synthetic elastomer - oil mist resistant

Reinforcement: High tensile textile cords

Cover: Black synthetic elastomer - abrasion and ozone resistant

Use: Compressed air and general industrial applications

Safety factor: 3:1

Temperature: -10 °C +60 °C (+14 °F +140 °F)

AHST-300Y

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
10	3/8	17	0,67	20	300	80	3,00	0,220	0,150
13	1/2	21	0,83	20	300	104	4,00	0,280	0,175
19	3/4	29	1,14	20	300	152	6,00	0,510	0,345
25	1	35	1,38	20	300	200	8,00	0,610	0,410



Air 20 bar (300 psi) - standard duty

Tube: Black SBR/NBR - oil mist resistant

Reinforcement: High tensile textile cords

Cover: Yellow SBR - abrasion and ozone resistant

Use: Compressed air and general industrial applications

Safety factor: 3:1

Temperature: -25 °C +80 °C (-13 °F +176 °F)

AHST-300R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
6	1/4	16	0,63	20	300	48	2,00	0,240	0,160
8	5/16	16	0,63	20	300	64	2,50	0,210	0,140
10	3/8	18	0,71	20	300	80	3,00	0,270	0,180
13	1/2	22	0,87	20	300	104	4,00	0,370	0,250
16	5/8	25	0,98	17	250	128	5,00	0,450	0,305
19	3/4	29	1,14	17	250	152	6,00	0,570	0,385
25	1	36	1,42	14	200	200	8,00	0,760	0,515



Air 20 bar (300 psi) - standard duty

Tube: Black EPDM - oil mist resistant

Reinforcement: High tensile textile cords

Cover: Red EPDM - abrasion and ozone resistant

Use: Compressed air and general industrial applications

Safety factor: 4:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

SMOOTH FIBER BRAIDED HOSES

FAH-100BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
3,5	9/64	9,5	0,37	7	100	35	1,50	0,090	0,060
4,5	11/64	10,5	0,41	7	100	45	1,75	0,100	0,067
5	3/16	11	0,43	7	100	50	2,00	0,110	0,075
5,5	7/32	11,5	0,45	7	100	55	2,25	0,120	0,080
6	1/4	12	0,47	7	100	60	2,50	0,120	0,080
7,5	19/64	13,5	0,53	7	100	75	3,00	0,140	0,095
9,5	3/8	15,5	0,61	7	100	95	3,75	0,170	0,115



Automotive fuel 7 bar (100 psi)

DIN 73379/2A

Tube: Black NBR

Reinforcement: High tensile textile cords

Cover: Black CR - abrasion, ozone and hydrocarbon resistant

Use: Petrol and diesel transfer in automotive applications.

Also suitable for ecodiesel

Safety factor: 4:1

Temperature: -40 °C +85 °C (-40 °F +185 °F)

FOH-240BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
5	3/16	12	0,47	16	240	50	2,00	0,130	0,087
8	1/4	13	0,51	16	240	60	2,50	0,150	0,100
7	9/32	13	0,51	16	240	70	2,75	0,150	0,100
8	5/16	15	0,59	16	240	80	3,00	0,170	0,115
10	3/8	17	0,67	16	240	100	4,00	0,210	0,140
13	1/2	20	0,79	16	240	120	4,75	0,250	0,170
16	5/8	24	0,94	16	240	160	6,25	0,350	0,235
19	3/4	27	1,06	16	240	190	7,50	0,400	0,270
25	1	35	1,38	16	240	250	10,00	0,730	0,495



Fuel-oil delivery 16 bar (240 psi)

Tube: Black NBR

Reinforcement: High tensile textile cords

Cover: Black synthetic rubber - abrasion, ozone and hydrocarbon resistant

Use: General purpose fuel and oil delivery

Safety factor: 3:1

Temperature: -25 °C +80 °C (-13 °F +176 °F)

WMH-300BL

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
10	3/8	16	0,63	20	300	50	2,00	0,27	0,18



Washing Machine Hose:

Application

Tube: EPDM rubber, Red, Blue, Black, smooth

Application: For washing machines inlet hose, including hot water hose and cold water hose.

Size: 3/8, other specifications can be customized according to actual requirements

Work Pressure: 20bar, the others can be produce according to the actual requirements.

Length/pc: 4ft, 5ft, 6ft, 8ft, the others can be produce according to the actual requirements.

Package: Export carton packing, Each 50 pieces to a box, 20 boxes to a wooden tray. Other package can according to the actual requirement

JH-250Y
(250 PSI)

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	29	1,14	16	250	152	6,00	0,72	0,10
19	3/4	29	1,14	20,7	300	152	6,00	0,79	0,11
25,4	1	36	1,42	16	250	200	8,00	0,95	0,13
25,4	1	37	1,46	20,7	300	200	8,00	1,02	0,14



Jackhammer Hose

Structure

Material: inner tube is made of SBR; outer cover is made of SBR & EPDM

Structure:

1.Common type: Interior lining +Strengthen lining +Exterior lining.

2.Strength type (three lining and two weaving fiber): Add middle rubber lining and a weaving fiber base on the common type.

Color: black, red, blue, green, yellow, white, grey

Temperature: -25 -70

Technical parameter: Anti - ozone aging, Heat - proof aging etc.

FRH-180BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	34	1,34	12	180	200	8,00	0,575	0,390



Fire reel 12 bar (180 psi)

EN 694/A2

Tube: Black synthetic elastomer

Reinforcement: High tensile textile cords

Cover: Black synthetic elastomer - abrasion and ozone resistant

Use: Fire reels

Safety factor: 4:1

Temperature: -20 °C +60 °C (-4 °F +140 °F)

SMOOTH / WRAPPED FIBER BRAIDED

GPH-300GS

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
6	1/4	13	0,51	20	300			0,130	0,087
8	5/16	15	0,59	20	300			0,160	0,110
10	3/8	17	0,67	20	300			0,190	0,130
13	1/2	21	0,83	20	300			0,270	0,180
16	5/8	25	0,98	20	300			0,360	0,245
19	3/4	29	1,14	20	300			0,460	0,310
25	1	35	1,38	20	300			0,580	0,390



General purpose 20 bar (300 psi) - EPDM

Tube: Black EPDM
Reinforcement: High tensile textile cords
Cover: Grey EPDM - abrasion and ozone resistant
Use: Air, water and mild chemicals delivery in general industrial applications
Safety factor: 3:1
Temperature: -40 °C +100 °C (-40 °F +212 °F)

AWH-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	21	0,83	10	150			0,320	0,215
19	3/4	27	1,06	10	150			0,430	0,290
25	1	33	1,30	10	150			0,540	0,365
32	1 1/4	42	1,65	10	150			0,830	0,560
38	1 1/2	48	1,89	10	150			0,970	0,655
51	2	61	2,40	10	150			1,290	0,870
63	2 1/2	75	2,95	10	150			1,910	1,285
76	3	88	3,46	10	150			2,290	1,540
102	4	114	4,49	10	150			3,090	2,080
115	4 1/2	127	5,00	10	150			3,440	2,315
152	6	166	6,54	10	150			4,650	3,125
203	8	219	8,62	10	150			6,890	4,635



Air-water delivery 10 bar (150 psi)

Tube: Black SBR
Reinforcement: High tensile textile cords
Cover: Black SBR - abrasion and ozone resistant
Use: Air and water delivery
Safety factor: 3:1 = 203 mm 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

OFH-300BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
4,8	3/16	11,1	0,44	20	300	50	2,00	0,10	0,07
6,4	1/4	14,0	0,55	20	300	60	2,40	0,12	0,08
7,9	5/16	15,5	0,61	20	300	80	3,20	0,15	0,10
9,5	3/8	17,5	0,69	20	300	100	3,90	0,16	0,11
12,7	1/2	22,0	0,87	20	300	125	4,90	0,24	0,16
15,9	5/8	26,5	1,04	20	300	160	6,30	0,27	0,18
19,1	3/4	29,4	1,16	20	300	190	7,50	0,40	0,27
25,4	1	38,2	1,43	20	300	254	10,0	0,55	0,37
31,8	1 1/4	43,5	1,71	20	300	320	12,8	1,17	0,79
38,1	1 1/2	50,5	1,99	20	300	380	15,0	1,33	0,89
50,8	2	63,2	2,49	20	300	510	20,1	1,96	0,312



Oil, fuel and gasoline hose 20 bar (300 psi):

Inner tube: seamless oil, fuel and gasoline resistant synthetic rubber
Reinforcement: 1 high resistance synthetic fiber braid
Outer tube: black wrapped, weather and abrasion resistant synthetic rubber
Safety factor: 3:1
Application: oil, fuel and gasoline on automotive, and service stations
Temperature range: -40°C (-40 °F) +100 °C (+212 °F)

LPGH-375BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	31	1,22	25	375	160	6,25	0,630	0,425
25	1	38	1,50	25	375	200	8,00	0,810	0,545
32	1 1/4	45	1,77	25	375	250	10,00	0,950	0,640
38	1 1/2	52	2,05	25	375	320	12,50	1,350	0,910
51	2	67	2,64	25	375	400	16,00	2,030	1,365



LPG delivery 25 bar (375 psi) - textile braided

EN 1762/DM

Tube: Black NBR
Reinforcement: High tensile textile braids - antistatic wire
Cover: Black CR - abrasion, ozone, hydrocarbon and fire resistant - pin pricked
Use: LPG delivery in heavy duty reeling applications
Safety factor: 4:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

STH-102W

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
9,5	3/8	17,0	0,67	0,7	102	68	2,68	0,33	0,22
12,7	1/2	22,0	0,87	0,7	102	80	3,15	0,39	0,26
19,0	3/4	32,0	1,26	0,7	102	135	5,31	0,67	0,45
25,4	1	38,0	1,50	0,7	102	170	6,69	0,83	0,56
31,8	1 1/4	45,0	1,77	0,7	102	240	9,45	1,10	0,74
38,1	1 1/2	51,0	2,01	0,7	102	300	11,81	1,27	0,85
50,8	2	66,0	2,60	0,7	102	375	14,76	1,83	1,23



Steam hose:

Inner tube: black, heat resistance synthetic rubber
Reinforcement: high tensile synthetic textile spiral
Outer tube: white heat, weather and abrasion resistant synthetic rubber
Safety factor: 10:1
Application: for general saturated steam services, Food plants
Temperature range: -40 °C (-40 °F) +165 °C (+330 °F)

WRAPPED TEXTILE CORDS HOSES

FRH-600BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	36	1,42	40	600	100	4,00	0,680	0,460



Fire reel 40 bar (600 psi) - textile braided

NF EN 1947/C/1/II

Tube: Black SBR

Reinforcement: High tensile textile braids

Cover: Black SBR - abrasion and ozone resistant

Use: Hose reels on fire fighting vehicles

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

AHHD-300BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	29	1,14	20	300			0,550	0,370
22	7/8	32	1,26	20	300			0,620	0,420
25	1	35	1,38	20	300			0,690	0,465
28	1 1/8	38	1,50	20	300			0,790	0,535
30	1 3/16	42	1,65	20	300			0,840	0,565
32	1 1/4	44	1,73	20	300			0,880	0,595
35	1 3/8	47	1,85	20	300			0,940	0,635
38	1 1/2	50	1,97	20	300			1,020	0,690
40	1 9/16	52	2,05	20	300			1,070	0,720
45	1 3/4	57	2,24	20	300			1,190	0,800
48	1 7/8	60	2,36	20	300			1,260	0,850
51	2	63	2,48	20	300			1,320	0,890
51	2	65	2,58	20	300			1,650	1,110
55	2 1/8	69	2,72	20	300			1,750	1,180
60	2 3/8	76	2,99	20	300			2,180	1,470
63	2 1/2	79	3,11	20	300			2,280	1,535
76	3	92	3,62	20	300			2,780	1,870
90	3 1/2	106	4,17	20	300			3,210	2,160
102	4	118	4,65	20	300			3,630	2,440
152	6	170	6,69	20	300			6,160	4,140



Air 20 bar (300 psi) - heavy duty

Tube: Black SBR/NBR - oil mist resistant

Reinforcement: High tensile textile cords

Cover: Black SBR - abrasion and ozone resistant

Use: Compressed air designed for heavy duty applications

Safety factor: ≤ 51 mm 3:1 ≥ 55 mm 2,5:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

AHHD-300Y

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	21	0,83	20	300			0,320	0,215
19	3/4	29	1,14	20	300			0,560	0,380
25	1	35	1,38	20	300			0,700	0,475
32	1 1/4	44	1,73	20	300			0,890	0,600
38	1 1/2	50	1,97	20	300			1,040	0,700
51	2	65	2,58	20	300			1,660	1,120
63	2 1/2	79	3,11	20	300			2,300	1,550
76	3	92	3,62	20	300			2,810	1,890
102	4	118	4,65	20	300			3,670	2,470



Air 20 bar (300 psi) - heavy duty

Tube: Black SBR/NBR - oil mist resistant

Reinforcement: High tensile textile cords

Cover: Yellow SBR - abrasion and ozone resistant

Use: Compressed air designed for heavy duty applications

Safety factor: ≤ 51 mm 3:1 ≥ 63 mm 2,5:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

AHHD-300BKM

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	20	300			0,420	0,285
19	3/4	31	1,22	20	300			0,690	0,465
25	1	37	1,46	20	300			0,850	0,575
38	1 1/2	52	2,05	20	300			1,250	0,845
51	2	67	2,64	20	300			2,140	1,440



Air 20 bar (300 psi) heavy duty mining

Tube: Black SBR/NBR - oil mist resistant

Reinforcement: High tensile textile cords

Cover: Black SBR - abrasion and ozone resistant

Use: Compressed air designed for heavy duty mining applications

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

WRAPPED TEXTILE CORDS HOSES

AHHD-400BKM

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	31	1,22	27	400	190	7,50	0,670	0,455
25	1	37	1,46	27	400	250	10,00	0,850	0,575
32	1 1/4	46	1,81	27	400	320	12,50	1,120	0,755
38	1 1/2	52	2,05	27	400	380	15,00	1,280	0,865
51	2	67	2,64	27	400	510	20,00	2,230	1,500



Air 27 bar (400 psi) heavy duty mining

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Black SBR/NBR - oil, abrasion and ozone resistant
Use: Compressed air designed for heavy duty mining applications
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

AHHD-400YM

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	29	1,14	27	400	190	7,50	0,560	0,380
25	1	35	1,38	27	400	250	10,00	0,710	0,480
32	1 1/4	44	1,73	27	400	320	12,50	0,920	0,620
38	1 1/2	50	1,97	27	400	380	15,00	1,050	0,710
51	2	65	2,56	27	400	510	20,00	1,690	1,140



Air 27 bar (400 psi) heavy duty mining

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile textile cords
Cover: Yellow SBR - abrasion and ozone resistant
Use: Compressed air designed for heavy duty mining applications
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

AHHD-1000BK (1000 PSI)

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
38	1 1/2	52	2,05	70	1000	190	7,50	1,450	0,975
51	2	65	2,56	70	1000	255	10,00	2,170	1,460
63	2 1/2	83	3,27	70	1000	315	12,50	3,790	2,550
76	3	96	3,78	40	600	380	15,00	3,470	2,335
102	4	122	4,80	40	600	510	20,00	5,150	3,465



Air 70 bar (1000 psi) steel reinforced - FRAS

Tube: Black conductive SBR/NBR - oil mist resistant
Reinforcement: High tensile steel cords
Cover: Black conductive SBR - abrasion, ozone and fire resistant
Use: High pressure compressed air and water in heavy duty "long wall" mining where long service life and maximum safety is required
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

AHHD-600BK (600 PSI)

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	29	1,14	70	1000	95	3,75	0,700	0,475
25	1	35	1,38	70	1000	125	5,00	0,910	0,615
32	1 1/4	42	1,65	70	1000	180	6,25	1,190	0,800
38	1 1/2	50	1,97	70	1000	190	7,50	1,830	1,230
51	2	65	2,56	70	1000	255	10,00	2,300	1,550



Air-water 70 bar (1000 psi) steel reinforced

Tube: Black SBR/NBR - oil mist resistant
Reinforcement: High tensile steel cords
Cover: Yellow SBR/NBR - abrasion, ozone, hydrocarbon and flame resistant - pin pricked
Use: High pressure compressed air and water in heavy duty mining where long service life and maximum safety is required.
Ideal for water spraying in mining dust control operation
Safety factor: ≤ 51 mm 4:1 ≥ 63 mm 3:1
Temperature: -30 °C +90 °C (-22 °F +200 °F)

AWH-1000Y

WRAPPED TEXTILE CORDS HOSES

FOH-150BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	10	150			0,350	0,235
16	5/8	26	1,02	10	150			0,410	0,275
19	3/4	29	1,14	10	150			0,470	0,320
25	1	35	1,38	10	150			0,580	0,390
32	1 1/4	42	1,65	10	150			0,710	0,480
38	1 1/2	48	1,89	10	150			0,840	0,565
51	2	61	2,40	10	150			1,110	0,750
63	2 1/2	75	2,95	10	150			1,630	1,100
76	3	88	3,46	10	150			1,980	1,320
102	4	114	4,49	10	150			2,650	1,785



Fuel-oil delivery 10 bar (150 psi)

Tube: Black conductive NBR

Reinforcement: High tensile textile cords

Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant

Use: General purpose fuel and oil delivery

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

FOHS-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
32	1 1/4	44	1,73	10	150			0,880	0,595
35	1 3/8	47	1,85	10	150			0,960	0,650
38	1 1/2	50	1,97	10	150			1,030	0,695
40	1 9/16	52	2,05	10	150			1,070	0,720
45	1 3/4	57	2,24	10	150			1,190	0,800
51	2	63	2,48	10	150			1,350	0,910

FOH-240BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	31	1,22	16	240	125	5,00	0,590	0,400
25	1	37	1,46	16	240	150	6,00	0,720	0,485
32	1 1/4	44	1,73	16	240	175	7,00	0,900	0,605
38	1 1/2	51	2,01	16	240	225	9,00	1,060	0,715
51	2	67	2,64	16	240	275	11,00	1,830	1,100
63	2 1/2	79	3,11	16	240	300	12,00	1,980	1,335
76	3	92	3,62	16	240	350	14,00	2,430	1,635
102	4	118	4,65	16	240	450	17,50	3,100	2,085
152	6	170	6,69	16	240	750	30,00	5,440	3,660



Fuel-oil delivery 16 bar (240 psi)

exceeds EN 1761

Tube: Black conductive NBR

Reinforcement: High tensile textile cords

Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant

Use: Fuel and oil delivery.

Designed for long service life in heavy duty applications

Safety factor: 3:1

Temperature: -30 °C +70 °C (-22 °F +158 °F)

STH-90BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	6	90			0,370	0,250
16	5/8	26	1,02	6	90			0,420	0,285
19	3/4	29	1,14	6	90			0,470	0,320
25	1	35	1,38	6	90			0,580	0,390
30	1 3/16	44	1,73	6	90			0,900	0,605
32	1 1/4	46	1,81	6	90			0,950	0,640
38	1 1/2	52	2,05	6	90			1,100	0,740
40	1 9/16	54	2,13	6	90			1,150	0,775
51	2	67	2,64	6	90			1,700	1,145



Steam 6 bar (90 psi)-hot water 15 bar (225 psi)

Tube: Black conductive EPDM

Reinforcement: High tensile textile cords

Cover: Black conductive EPDM - heat, abrasion and ozone resistant

Use: Saturated steam and hot water delivery in general industrial applications

Safety factor: Steam 10:1 - Water 4:1

Temperature: -40 °C +165 °C (-40 °F +330 °F)

WRAPPED TEXTILE CORDS HOSES

STHI-90BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	25	0,98	6	90			0,430	0,290
16	5/8	30	1,18	6	90			0,600	0,405
19	3/4	33	1,30	6	90			0,680	0,460
25	1	40	1,57	6	90			0,900	0,605



Steam 6 bar (90 psi)

EN ISO 6134/1A

Tube: Black conductive EPDM

Reinforcement: High tensile textile cords

Cover: Black conductive EPDM - heat, abrasion and ozone resistant

Use: Saturated steam

Safety factor: 10:1

Temperature: -40 °C +165 °C (-40 °F +330 °F)

STHF-90W

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	6	90			0,390	0,265
16	5/8	26	1,02	6	90			0,450	0,305
19	3/4	31	1,22	6	90			0,640	0,435
25	1	37	1,46	6	90			0,800	0,540



Steam 6 bar (90 psi)-hot water 15 bar (225 psi)

Food Grade

Tube: White food grade EPDM

Reinforcement: High tensile textile cords

Cover: White EPDM - heat, abrasion and ozone resistant

Use: Saturated steam and hot water delivery in general industrial applications.

Specially designed for wash down use in the food and dairy industry

Safety factor: Steam 10:1 - Water 4:1

Temperature: -40 °C +165 °C (-40 °F +330 °F)

STHF-90BL

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	6	90			0,370	0,250
16	5/8	26	1,02	6	90			0,430	0,290
19	3/4	31	1,22	6	90			0,600	0,405
25	1	37	1,46	6	90			0,740	0,500



Steam 6 bar (90 psi)-hot water 15 bar (225 psi)

Food Grade

Tube: White food grade EPDM

Reinforcement: High tensile textile cords

Cover: Blue EPDM - heat, abrasion and ozone resistant

Use: Saturated steam and hot water delivery in general industrial applications.

Specially designed for wash down use in the food and dairy industry

Safety factor: Steam 10:1 - Water 4:1

Temperature: -40 °C +165 °C (-40 °F +330 °F)

WDH-150BK
(LAY FLAT)

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
32	1 1/4	40	1,57	10	150			0,460	0,310
38	1 1/2	46	1,81	10	150			0,540	0,365
40	1 9/16	48	1,89	10	150			0,570	0,385
45	1 3/4	53	2,09	10	150			0,660	0,445
51	2	59	2,32	10	150			0,730	0,495
60	2 3/8	68	2,68	10	150			0,860	0,580
63	2 1/2	71	2,80	10	150			0,890	0,600
70	2 3/4	78	3,07	10	150			1,190	0,800
76	3	84	3,31	10	150			1,280	0,865
90	3 1/2	98	3,86	10	150			1,480	0,995
102	4	110	4,33	10	150			1,770	1,190
127	5	137	5,39	10	150			2,400	1,615
152	6	162	6,38	10	150			2,970	2,000
168	6 5/8	178	7,01	10	150			3,220	2,165
203	8	215	8,46	10	150			4,190	2,820
254	10	270	10,63	10	150			7,600	5,110
305	12	319	12,56	10	150			8,810	5,925



Water discharge 10 bar (150 psi) - lay flat

Tube: Black EPDM

Reinforcement: High tensile textile cords

Cover: Black EPDM - abrasion and ozone resistant

Use: Lay flat water discharge

Safety factor: 3:1 >= 203 mm 2:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

WRAPPED TEXTILE CORDS HOSES

WIHHD-270BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
51	2	61	2,40	18	270			1,060	0,715
60	2 3/8	72	2,83	18	270			1,380	0,930
70	2 3/4	82	3,23	18	270			1,600	1,080
76	3	88	3,46	18	270			1,720	1,160
80	3 1/8	92	3,62	18	270			1,870	1,260
90	3 1/2	102	4,02	18	270			2,060	1,385
102	4	114	4,49	18	270			2,350	1,580
120	4 3/4	132	5,20	18	270			2,850	1,920
152	6	168	6,61	18	270			4,750	3,195



Water-irrigation 18 bar (270 psi) - heavy duty

Tube: Black EPDM
Reinforcement: High tensile textile cords
Cover: Black EPDM - abrasion and ozone resistant
Use: Heavy duty water discharge.
Specially designed for high pressure irrigation systems
Safety factor: 2,5:1 152 mm 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

SBH-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	33	1,30	10	150			0,710	0,480
19	3/4	35	1,38	10	150			0,830	0,560
25	1	40	1,57	10	150			0,870	0,585
32	1 1/4	48	1,89	10	150			1,240	0,835
38	1 1/2	55	2,17	10	150			1,650	1,110
40	1 9/16	60	2,36	10	150			1,930	1,300
51	2	71	2,80	10	150			2,400	1,615
19	3/4	38	1,50	10	150			1,000	0,675
25	1	48	1,89	10	150			1,540	1,035
32	1 1/4	55	2,17	10	150			1,830	1,230
38	1 1/2	60	2,36	10	150			2,080	1,400
51	2	73	2,87	10	150			2,630	1,770



Sandblast 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant - pin pricked
Use: Abrasive material blasting
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

SBH-150R

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	27	1,06	10	150			0,560	0,380
19	3/4	33	1,30	10	150			0,710	0,480
25	1	40	1,57	10	150			0,880	0,595
32	1 1/4	48	1,89	10	150			1,240	0,835
38	1 1/2	55	2,17	10	150			1,660	1,120
51	2	71	2,80	10	150			2,420	1,630



Sandblast 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Red SBR/EPDM - abrasion and ozone resistant - pin pricked
Use: Abrasive material blasting
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

SBH-150G

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	38	1,50	10	150			1,010	0,680
25	1	48	1,89	10	150			1,540	1,035
32	1 1/4	55	2,17	10	150			1,840	1,240
38	1 1/2	60	2,36	10	150			2,090	1,405



Sandblast 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Green SBR/EPDM - abrasion and ozone resistant - pin pricked
Use: Abrasive material blasting
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

WRAPPED TEXTILE CORDS HOSES

SBHDF-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	27	1,06	10	150			0,500	0,340
19	3/4	33	1,30	10	150			0,640	0,435
25	1	40	1,57	10	150			0,790	0,535
32	1 1/4	48	1,89	10	150			1,140	0,770
38	1 1/2	55	2,17	10	150			1,490	1,005
51	2	71	2,80	10	150			2,140	1,440

25	1	48	1,89	10	150			1,400	0,945
32	1 1/4	55	2,17	10	150			1,670	1,125
38	1 1/2	60	2,36	10	150			1,900	1,280
51	2	73	2,87	10	150			2,410	1,620

19	3/4	40	1,57	10	150			1,030	0,695
38	1 1/2	62	2,44	10	150			2,100	1,415
51	2	76	2,99	10	150			2,650	1,785



Sandblast 10 bar (150 psi) premium quality

Tube: Premium black conductive NR - abrasion resistance 50 mm³ (ISO 4649/A)

Reinforcement: High tensile textile cords

Cover: Black conductive SBR/NR - abrasion and ozone resistant - pin pricked

Use: Abrasive material blasting. Designed for long service life in heavy duty applications

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

LFH-150R

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	10	150			0,380	0,255
19	3/4	31	1,22	10	150			0,610	0,410
25	1	37	1,46	10	150			0,760	0,515
32	1 1/4	44	1,73	10	150			0,930	0,625
38	1 1/2	50	1,97	10	150			1,080	0,730
51	2	65	2,56	10	150			1,680	1,130
63	2 1/2	77	3,03	10	150			2,020	1,360
76	3	92	3,62	10	150			2,800	1,885



Liquid food delivery 10 bar (150 psi)

Food Grade

Tube: White NR

Reinforcement: High tensile textile cords

Cover: Red SBR/EPDM - abrasion and ozone resistant

Use: Liquid food and alcoholic beverages delivery - max 50%.

Sterilize with 5% soda solution

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

LFH-75BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
90	3 1/2	102	4,02	5	75			2,130	1,435
110	4 5/16	122	4,80	5	75			2,550	1,715
102	4	118	4,65	5	75			2,760	1,855
102	4	120	4,72	5	75			3,180	2,140
75	3	93	3,66	5	75			2,380	1,600
100	4	120	4,72	5	75			3,550	2,390



Bulk food delivery 5 bar (75 psi)

Food Grade

Tube: White NR - abrasion resistant

Reinforcement: High tensile textile cords - antistatic wire

Cover: Black conductive SBR/NR - abrasion and ozone resistant

Use: Bulk food and material delivery.

Specially designed for grain, flour and plastic pellets transfer

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

GPH-300GW

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
32	1 1/4	44	1,73	20	300			0,930	0,625
38	1 1/2	52	2,05	20	300			1,080	0,730
51	2	66	2,60	20	300			1,650	1,110



General purpose 20 bar (300 psi) - EPDM

Tube: Black EPDM

Reinforcement: High tensile textile cords

Cover: Grey EPDM - abrasion and ozone resistant

Use: Air, water and mild chemicals delivery in general industrial applications

Safety factor: 3:1

Temperature: -40 °C +100 °C (-40 °F +212 °F)

WRAPPED TEXTILE CORDS HOSES

GPH-300BLW

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	20	300			0,350	0,235
19	3/4	31	1,22	20	300			0,580	0,390
25	1	37	1,46	20	300			0,730	0,495
38	1 1/2	52	2,05	20	300			1,070	0,720
51	2	67	2,64	20	300			1,880	1,265
76	3	94	3,70	20	300			2,800	1,885



General purpose 20 bar (300 psi) - EPDM

Tube: Black EPDM
Reinforcement: High tensile textile cords
Cover: Blue EPDM - abrasion and ozone resistant
Use: Air, water and mild chemicals delivery
Safety factor: 4:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

BM1-75B

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
90	3 1/2	102	4,02	5	75			2,100	1,415
110	4 5/16	122	4,80	5	75			2,510	1,690



Bulk material delivery 5 bar (75 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Bulk material delivery.
Specially designed for dry cement, grain and animal feed transfer
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

BM2-75B

102	4	114	4,49	5	75			2,350	1,580
102	4	118	4,65	5	75			2,760	1,855

BM3-75B

102	4	120	4,72	5	75			3,180	2,140
127	5	145	5,71	5	75			3,860	2,595

BM-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
76	3	92	3,62	10	150			2,160	1,455
102	4	118	4,65	10	150			2,910	1,960
127	5	143	5,63	10	150			3,580	2,410



Bulk material delivery 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Bulk material delivery in heavy duty applications.
Specially designed for dry cement, grain and animal feed transfer
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

PLH-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
60	2 3/8	80	3,15	10	150			2,350	1,580
65	2 9/16	85	3,35	10	150			2,560	1,725
90	3 1/2	113	4,45	10	150			4,180	2,810
102	4	127	5,00	10	150			4,750	3,195



Plaster 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant - pin pricked
Use: Plaster and sand/cement mix pumping.
Also suitable for heavy duty sandblast
Safety factor: 3:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

PLH-600BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	38	1,50	40	600			0,710	0,480
32	1 1/4	46	1,81	40	600			0,890	0,600
35	1 3/8	49	1,93	40	600			0,980	0,660
38	1 1/2	54	2,13	40	600			1,210	0,815
51	2	67	2,64	40	600			1,620	1,090



Plaster 40 bar (600 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Plaster pumping
Safety factor: 2,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

WRAPPED TEXTILE CORDS HOSES

PLH-800BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	40	1,57	55	825			0,890	0,600
32	1 1/4	49	1,93	55	800			1,250	0,845
38	1 1/2	58	2,28	55	800			1,700	1,145
51	2	71	2,80	55	800			2,210	1,490



Plaster 55 bar (800 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Plaster pumping
Safety factor: ≤ 38 mm 2,5:1 51 mm 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

PLH-800BL

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	40	1,57	55	825			0,950	0,640
32	1 1/4	49	1,93	55	800			1,430	0,965
38	1 1/2	58	2,28	55	800			1,980	1,320
51	2	71	2,80	55	800			2,550	1,715



Plaster 55 bar (800 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Blue SBR/EPDM - abrasion and ozone resistant
Use: Plaster pumping
Safety factor: ≤ 38 mm 2,5:1 51 mm 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

CPH-600BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
51	2	69	2,72	40	600			1,840	1,240
76	3	104	4,09	40	600			4,390	2,955
90	3 1/2	118	4,65	40	600			5,150	3,485
102	4	130	5,12	40	600			5,830	3,920



Concrete pumping 40 bar (600 psi)

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile textile cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: Concrete pumping
Safety factor: 2,5:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

CPH-1275BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
51	2	69	2,72	85	1275	255	10,00	2,130	1,435
63	2 1/2	85	3,35	85	1275	265	10,50	3,340	2,245
76	3	100	3,94	85	1275	380	15,00	4,540	3,055
90	3 1/2	118	4,57	85	1275	450	17,50	5,490	3,690
102	4	128	5,04	85	1275	510	20,00	7,020	4,720
127	5	155	6,10	85	1275	635	25,00	10,340	6,950
152	6	184	7,24	85	1275	760	30,00	13,780	9,265



Concrete pumping 85 bar (1275 psi) heavy duty - steel reinforced

Tube: Black conductive NR - abrasion resistant
Reinforcement: High tensile steel cords
Cover: Black conductive SBR/NR - abrasion and ozone resistant
Use: High pressure concrete pumping
Safety factor: 2:1
Temperature: -30 °C +80 °C (-22 °F +176 °F)

RSH-150BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
76	3	94	3,70	10	150			2,760	1,855
102	4	120	4,72	10	150			3,740	2,515
127	5	145	5,71	10	150			4,630	3,115
152	6	170	6,69	10	150			5,510	3,705



Rig supply soft wall fuel-liquid mud 10 bar (150 psi)

Tube: Black conductive NBR
Reinforcement: High tensile textile cords
Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant
Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer
Safety factor: 4:1
Temperature: -30 °C +70 °C (-22 °F +158 °F)

WRAPPED TEXTILE CORDS HOSES

RSH-240BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
76	3	94	3,70	16	240			2,590	1,745
102	4	120	4,72	16	240			3,380	2,275



Rig supply soft wall fuel-liquid mud 16 bar (240 psi) end load resistance 6.000 kg

Tube: Black conductive NBR

Reinforcement: High tensile textile cords

Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant

Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer. Specially designed for reeling applications and weak link couplings use. Max utilized load 4,000 kg

Safety factor: 4:1

Temperature: -30 °C +70 °C (-22 °F +158 °F)

RSH-300BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
76	3	94	3,70	20	300			2,590	1,745
102	4	120	4,72	20	300			3,520	2,370



Rig supply soft wall fuel-liquid mud 20 bar (300 psi) end load resistance 8.000 kg

Tube: Black conductive NBR

Reinforcement: High tensile textile cords

Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant

Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer. Specially designed for reeling applications and weak link couplings use. Max utilized load 5,333 kg

Safety factor: 4:1

Temperature: -30 °C +70 °C (-22 °F +158 °F)

RSH-500B

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
76	3	100	3,94	40	600			3,910	2,630
102	4	126	4,96	35	525			4,700	3,180



Rig supply soft wall fuel-liquid mud end load resistance 10.000 kg

Tube: Black conductive NBR

Reinforcement: High tensile textile cords

Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant

Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer. Specially designed for reeling applications and weak link couplings use. Max utilized load 6,667 kg

Safety factor: 4:1

Temperature: -30 °C +70 °C (-22 °F +158 °F)

RSHB-150BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
102	4	122	4,80	10	150			3,950	2,655
127	5	147	5,79	10	150			4,870	3,275



Rig supply soft wall bulk material 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant

Reinforcement: High tensile textile cords

Cover: Black conductive SBR/NR - abrasion and ozone resistant

Use: Bulk material, barite and dry cement transfer from supply vessels to offshore platforms

Safety factor: 4:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

SUCTION HOSES WITH EMBEDDED STEEL HELIX WIRE

RSHL-300BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
102	4	122	4,80	20	300			4,150	2,790
127	5	151	5,94	20	300			5,120	3,445



Rig supply soft wall bulk material 20 bar (300 psi) end load resistance 8.000 kg

Tube: Black conductive NR - abrasion resistant

Reinforcement: High tensile textile cords

Cover: Black conductive SBR/NR - abrasion and ozone resistant

Use: Bulk material, barite and dry cement transfer from supply vessels to offshore platforms.

Specially designed for reeling applications and weak link couplings use
Max utilized load 5,333 kg

Safety factor: 4:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

GPSD-150BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	35	1,38	10	150	100	4,00	0,690	0,465
30	1 3/16	40	1,57	10	150	120	4,75	0,780	0,525
32	1 1/4	42	1,65	10	150	128	5,00	0,820	0,555
38	1 1/2	48	1,89	10	150	152	6,00	0,950	0,640
40	1 9/16	50	1,97	10	150	160	6,25	1,000	0,675
45	1 3/4	55	2,17	10	150	180	7,00	1,110	0,750
51	2	61	2,40	10	150	204	8,00	1,240	0,835
60	2 3/8	72	2,83	10	150	240	9,50	1,710	1,150
63	2 1/2	75	2,95	10	150	252	10,00	1,780	1,200
70	2 3/4	82	3,23	10	150	280	11,00	1,990	1,340
76	3	88	3,46	10	150	304	12,00	2,140	1,440
80	3 1/8	92	3,62	10	150	320	12,50	2,300	1,550
90	3 1/2	102	4,02	10	150	360	14,00	2,700	1,815
102	4	114	4,49	10	150	408	16,00	3,010	2,025
110	4 5/16	122	4,80	10	150	440	17,25	3,210	2,160
115	4 1/2	127	5,00	10	150	460	18,00	3,340	2,245
120	4 3/4	134	5,28	10	150	600	24,00	4,500	3,025
127	5	141	5,55	10	150	635	25,00	4,730	3,180
152	6	166	6,54	10	150	760	30,00	5,980	4,010
203	8	221	8,70	10	150	1015	40,00	9,810	6,595
254	10	272	10,71	10	150	1270	50,00	13,430	9,030



General purpose S&D 10 bar (150 psi) - EPDM

Tube: Black EPDM

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black EPDM - abrasion and ozone resistant

Use: Water suction and delivery. Also suitable for mild chemicals and fertilizers in general industrial and agricultural applications

Safety factor: <= 127 mm 3:1 >=152 mm 2,5:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

WSHSD-75BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
76	3			5	75	190	7,50	1,940	1,305
80	3 1/8			5	75	200	8,00	2,030	1,365
102	4			5	75	255	10,00	2,550	1,715
120	4 3/4			5	75	300	12,00	3,280	2,195
152	6			3	45	380	15,00	4,090	2,750
203	8			3	45	510	20,00	5,620	3,780



Water-slurry S&D corrugated - soft ends

Tube: Black SBR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black SBR - abrasion and ozone resistant

Use: Water suction and delivery.

Special light weight and flexible construction for slurry tankers

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

SUCTION HOSES WITH EMBEDDED STEEL HELIX WIRE

DEW-150BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
152	6			10	150	608	24,00	6,650	4,470
203	8			10	150	812	32,00	8,850	5,950
254	10			10	150	1016	40,00	12,530	8,425
300	12			10	150	1200	48,00	17,380	11,685



Heavy duty dewatering - EPDM corrugated - soft ends

Tube: Black EPDM

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black EPDM - abrasion and ozone resistant

Use: Heavy duty suction. Specially designed for full vacuum dewatering applications. Also suitable for mild chemicals.

Safety factor: 3:1

Temperature: -50 °C +80 °C (-58 °F +176 °F)

FOHSD-300BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
51	2	83	2,48	20	300	204	8,00	1,640	1,105
63	2 1/2	77	3,03	20	300	252	10,00	2,160	1,455
76	3	90	3,54	20	300	304	12,00	2,640	1,775
102	4	116	4,57	20	300	408	16,00	3,610	2,430
127	5	145	5,71	20	300	508	20,00	6,080	4,090
152	6	170	6,69	20	300	608	24,00	8,320	5,595
203	8	225	8,86	20	300	812	32,00	13,740	9,235



Fuel-oil S&D 20 bar (300 psi)

Tube: Black conductive NBR

Reinforcement: High tensile textile cords with embedded steel helix wire - antistatic wire

Cover: Black CR - abrasion, ozone and hydrocarbon resistant

Use: Fuel and oil suction and delivery.

Designed for long service life in heavy duty applications

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

BPR4

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	29	1,14	25	375	38	1,50	0,580	0,390
25	1	35	1,38	20	300	50	2,00	0,750	0,505
32	1 1/4	42	1,65	17	250	64	2,50	0,920	0,620
38	1 1/2	48	1,89	10	150	76	3,00	1,070	0,720
51	2	61	2,40	7	100	102	4,00	1,390	0,935
63	2 1/2	75	2,95	5	75	126	5,00	2,100	1,415
76	3	88	3,46	5	75	152	6,00	2,600	1,750
102	4	116	4,57	5	75	204	8,00	3,410	2,295



Oil suction & return - extra flexible exceeds SAE 100R4

Tube: Black conductive NBR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black CR - abrasion, ozone, hydrocarbon and flame resistant

Use: Hydraulic oil suction and return lines requiring tight bend radius

Safety factor: 4:1

Temperature: -40 °C +100 °C (-40 °F +212 °F)

SUCTION HOSES WITH EMBEDDED STEEL HELIX WIRE

BPR41

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	29	1,14	21	300	57	2,25	0,610	0,410
25	1	35	1,38	17	250	75	3,00	0,760	0,515
32	1 1/4	42	1,65	14	200	96	3,75	0,900	0,605
38	1 1/2	48	1,89	10	150	114	4,50	1,030	0,695
51	2	61	2,40	7	100	153	6,00	1,330	0,895
63	2 1/2	75	2,95	4	60	189	7,50	2,080	1,400
76	3	88	3,46	4	60	228	9,00	2,480	1,670
90	3 1/2	104	4,09	3	45	270	10,50	3,050	2,050
102	4	116	4,57	2	30	306	12,00	3,410	2,295



Oil suction & return exceeds SAE 100R4

Tube: Black conductive NBR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black CR - abrasion, ozone and hydrocarbon resistant

Use: Hydraulic oil suction and return lines

Safety factor: 4:1

Temperature: -40 °C +100 °C (-40 °F +212 °F)

FOHSD-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	29	1,14	10	150	76	3,00	0,610	0,410
25	1	35	1,38	10	150	100	4,00	0,760	0,515
30	1 3/16	40	1,57	10	150	120	4,75	0,850	0,575
32	1 1/4	42	1,65	10	150	128	5,00	0,900	0,605
35	1 3/8	45	1,77	10	150	140	5,50	0,980	0,660
38	1 1/2	48	1,89	10	150	152	6,00	1,050	0,710
40	1 9/16	50	1,97	10	150	160	6,25	1,090	0,735
42	1 5/8	52	2,05	10	150	168	6,75	1,150	0,775
45	1 3/4	55	2,17	10	150	180	7,00	1,220	0,820
48	1 7/8	58	2,28	10	150	192	7,50	1,280	0,865
51	2	61	2,40	10	150	204	8,00	1,350	0,910
57	2 1/4	67	2,64	10	150	228	9,00	1,510	1,015
60	2 3/8	72	2,83	10	150	240	9,50	2,020	1,360
63	2 1/2	75	2,95	10	150	252	10,00	2,110	1,420
70	2 3/4	82	3,23	10	150	280	11,00	2,350	1,580
76	3	88	3,46	10	150	304	12,00	2,520	1,695
80	3 1/8	94	3,70	10	150	320	12,50	2,700	1,815
90	3 1/2	104	4,09	10	150	360	14,00	3,140	2,115
102	4	116	4,57	10	150	408	16,00	3,500	2,355
110	4 5/16	124	4,88	10	150	440	17,25	4,240	2,850
115	4 1/2	129	5,08	10	150	460	18,00	4,410	2,965
120	4 3/4	138	5,43	10	150	480	19,00	5,640	3,795
127	5	145	5,71	10	150	508	20,00	5,930	3,990
133	5 1/4	151	5,94	10	150	532	21,00	6,170	4,150
152	6	170	6,69	10	150	608	24,00	7,360	4,950
203	8	225	8,86	10	150	812	32,00	11,700	7,865



Fuel-oil S&D 10 bar (150 psi)

Tube: Black conductive NBR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black CR - abrasion, ozone and hydrocarbon resistant

Use: Fuel and oil suction and delivery. Specially designed for tank truck and general industrial applications

Safety factor: <= 127 mm 3:1 133-254 mm 2,5:1 305 mm 1,5:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

FOHSD-240BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	37	1,46	16	240	150	6,00	0,860	0,580
32	1 1/4	44	1,73	16	240	175	7,00	1,030	0,695
38	1 1/2	51	2,01	16	240	225	9,00	1,190	0,800
51	2	67	2,64	16	240	275	11,00	1,820	1,225
63	2 1/2	79	3,11	16	240	300	12,00	2,380	1,600
76	3	92	3,62	16	240	350	14,00	2,860	1,925
102	4	118	4,65	16	240	450	17,50	3,900	2,625
152	6	170	6,69	16	240	760	30,00	7,620	5,125



Fuel-oil S&D 16 bar (240 psi)

exceeds EN 1761 **TRb1 131/2**

Tube: Black conductive NBR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant

Use: Fuel and oil suction and delivery.

Designed for long service life in heavy duty applications

Safety factor: 3:1

Temperature: -30 °C +70 °C (-22 °F +158 °F)

SUCTION HOSES WITH EMBEDDED STEEL HELIX WIRE

ACSD-240BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
19	3/4	31	1,22	16	240	125	5,00	0,670	0,455
25	1	37	1,46	16	240	150	6,00	0,830	0,560
32	1 1/4	44	1,73	16	240	175	7,00	0,990	0,670
38	1 1/2	51	2,01	16	240	225	9,00	1,140	0,770
50	2	66	2,60	16	240	275	11,00	1,670	1,125
51	2	67	2,64	16	240	275	11,00	1,690	1,140
63	2 1/2	79	3,11	16	240	300	12,00	2,240	1,510
75	3	91	3,58	16	240	350	14,00	2,660	1,790
76	3	92	3,62	16	240	350	14,00	2,690	1,810
100	4	116	4,57	16	240	450	17,50	3,610	2,430
102	4	118	4,65	16	240	450	17,50	3,680	2,475



Acid-chemical S&D 16 bar (240 psi) - EPDM exceeds EN 12115

Tube: Black conductive EPDM

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black conductive EPDM - abrasion, ozone and fire resistant

Use: Acid and chemical suction and delivery

Safety factor: 3:1

Temperature: -20 °C +65 °C (-4 °F +150 °F)

BMSD-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
51	2	65	2,56	10	150	153	6,00	1,430	0,965
63	2 1/2	77	3,03	10	150	189	7,50	1,900	1,280
76	3	90	3,54	10	150	228	9,00	2,280	1,535
102	4	116	4,57	10	150	306	12,00	3,190	2,145
127	5	143	5,63	5	75	508	20,00	4,750	3,195
152	6	168	6,61	5	75	608	24,00	5,960	4,010
203	8	221	8,70	5	75	812	32,00	8,990	6,045
76	3	92	3,62	10	150	228	9,00	2,600	1,750
90	3 1/2	106	4,17	10	150	270	10,50	3,230	2,175
102	4	118	4,65	10	150	306	12,00	3,600	2,420
127	5	145	5,71	5	75	508	20,00	5,270	3,545



Bulk material S&D 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black conductive SBR/NR - abrasion and ozone resistant

Use: Bulk material suction and delivery in heavy duty applications.

Specially designed for dry cement, grain and animal feed transfer

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

BMSD-75BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
102	4			5	75	306	12,00	3,000	2,020



Bulk material S&D 5 bar (75 psi) corrugated - soft ends

Tube: Black conductive NR - abrasion resistant

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black conductive SBR/NR - abrasion and ozone resistant

Use: Bulk material suction and delivery in heavy duty applications.

Specially designed for dry cement, grain and animal feed transfer.

Corrugated construction for maximum flexibility

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

LFSD-150R

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	37	1,46	10	150	75	3,00	0,910	0,615
38	1 1/2	50	1,97	10	150	114	4,50	1,250	0,845
40	1 9/16	52	2,05	10	150	120	4,75	1,300	0,875
51	2	63	2,48	10	150	153	6,00	1,610	1,085
76	3	88	3,46	10	150	228	9,00	2,530	1,705
102	4	116	4,57	10	150	306	12,00	3,510	2,360



Liquid food S&D 10 bar (150 psi)

Food Grade

Tube: White NR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Red SBR/EPDM - abrasion and ozone resistant

Use: Liquid food and alcoholic beverages suction and delivery -

max 50%. Special construction for maximum flexibility.

Sterilize with 5% soda solution

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

SUCTION HOSES WITH EMBEDDED STEEL HELIX WIRE

ABSD-240W

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	37	1,46	16	240	125	5,00	0,890	0,600
38	1 1/2	52	2,05	16	240	190	7,50	1,500	1,010
51	2	67	2,64	16	240	255	10,00	2,250	1,515
76	3	94	3,70	16	240	380	15,00	3,400	2,285



Alcoholic beverages S&D 16 bar (240 psi) crush resistant

Food Grade

Tube: White chlorobutyl

Reinforcement: High tensile textile cords with embedded nylon helix

Cover: White EPDM - abrasion and ozone resistant

Use: Liquid food and alcoholic beverages suction and delivery - max 95%.

Special crush resistant construction. Sterilize with 130 °C (226 °F) steam for 30 minutes or with 5% soda solution

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

MILK1-150B

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
25	1	35	1,38	10	150	50	2,00	0,730	0,495
32	1 1/4	42	1,65	10	150	64	2,50	0,900	0,605
38	1 1/2	48	1,89	10	150	76	3,00	1,040	0,700
40	1 9/16	50	1,97	10	150	80	3,00	1,090	0,735
42	1 5/8	52	2,05	10	150	88	3,50	1,130	0,760
51	2	61	2,40	10	150	100	4,00	1,420	0,955
63	2 1/2	75	2,95	10	150	126	5,00	2,010	1,355
76	3	88	3,46	10	150	228	9,00	2,590	1,745
102	4	116	4,57	10	150	306	12,00	3,850	2,590



Milk tanker 10 bar (150 psi) - hard wall

Food Grade

Tube: White NR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Blue NR/EPDM - abrasion and ozone resistant

Use: Liquid food suction and delivery.

Special construction for maximum flexibility in milk tanker applications. Sterilize with 5% soda solution

Safety factor: 3:1

Temperature: -40 °C +80 °C (-40 °F +176 °F)

MILK2-150BL

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
40	1 9/16	53	2,09	10	150	120	5,00	1,040	0,700
45	1 3/4	58	2,28	10	150	135	5,50	1,150	0,770
51	2	64	2,52	10	150	153	6,00	1,290	0,870
63	2 1/2	76	3,00	10	150	189	7,50	1,750	1,180
76	3	92	3,62	10	150	228	9,00	2,400	1,615



Milk tanker 10 bar (150 psi) - hard wall crush resistant

Food Grade

Tube: White NR

Reinforcement: High tensile textile cords with embedded pet helix

Cover: Blue NR/EPDM - abrasion and ozone resistant

Use: Liquid food suction and delivery.

Special lightweight construction for maximum flexibility and crush resistance in milk tanker applications.

Sterilize with 5% soda solution

Safety factor: 3:1

Temperature: -40 °C +80 °C (-40 °F +176 °F)

BFSD-150BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
76	3	92	3,62	10	150	228	9,00	2,680	1,805
90	3 1/2	106	4,17	10	150	270	10,50	3,320	2,235
102	4	118	4,65	10	150	306	12,00	3,700	2,480



Bulk food S&D 10 bar (150 psi)

Food Grade

Tube: White NR - abrasion resistant

Reinforcement: High tensile textile cords with embedded steel helix wire - antistatic wire

Cover: Black conductive SBR/NR - abrasion and ozone resistant

Use: Bulk food and material suction and delivery.

Specially designed for grain, flour and plastic pellets transfer

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

SUCTION HOSES WITH EMBEDDED STEEL HELIX WIRE

BFSD-150GN

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
51	2	67	2,64	10	150	153	6,00	1,830	1,230
76	3	92	3,62	10	150	228	9,00	2,840	1,910
102	4	118	4,65	10	150	306	12,00	3,900	2,625
127	5	145	5,71	5	75	508	20,00	5,860	3,805
152	6	170	6,69	5	75	608	24,00	7,020	4,720
203	8	223	8,78	5	75	812	32,00	10,430	7,010



Bulk food S&D 10 bar (150 psi)

Food Grade

Tube: White NR - abrasion resistant

Reinforcement: High tensile textile cords with embedded steel helix wire - antistatic wire

Cover: Green SBR/EPDM - abrasion and ozone resistant

Use: Bulk food and material suction and delivery.

Specially designed for grain, flour and plastic pellets transfer

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

RSHD-1BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
76	3	92	3,62	16	240	380	15,00	3,300	2,220
102	4	120	4,72	16	240	510	20,00	4,840	3,255
127	5	147	5,79	10	150	635	25,00	6,930	4,660
152	6	172	6,77	10	150	780	30,00	8,240	5,540



Rig supply hard wall fuel-liquid mud

Tube: Black conductive NBR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black conductive CR - abrasion, ozone, hydrocarbon and fire resistant

Use: Fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and barite transfer

Safety factor: 4:1

Temperature: -30 °C +70 °C (-22 °F +158 °F)

RSHD-2BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
102	4	122	4,80	10	150	408	16,00	4,770	3,210
127	5	149	5,87	10	150	635	25,00	6,940	4,665



Rig supply hard wall bulk material 10 bar (150 psi)

Tube: Black conductive NR - abrasion resistant

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black conductive SBR/NR - abrasion and ozone resistant

Bulk material, barite and dry cement transfer from supply

vessels to offshore platforms

Safety factor: 4:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

HTAR-150BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
51	2	69	2,72	10	150	255	10,00	2,430	1,635
76	3	96	3,78	10	150	380	15,00	3,990	2,685
102	4	122	4,80	10	150	510	20,00	5,300	3,565



Hot tar 10 bar (150 psi)

Tube: Black NBR

Reinforcement: High tensile textile cords with embedded steel helix wire

Cover: Black CSM - abrasion and ozone resistant

Use: Hot tar, asphalt and bitumen suction and delivery

Safety factor: 4:1

Temperature: -20 °C +180 °C (-4 °F +356 °F)

STEEL WIRE BRAIDED HOSES

AHST-600Y

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	22	0,87	40	600	65	2,50	0,410	0,280
19	3/4	28	1,10	40	600	95	4,00	0,540	0,365
25	1	34	1,34	40	600	125	5,00	0,690	0,465
32	1 1/4	42	1,65	40	600	160	6,50	1,070	0,720
38	1 1/2	48	1,89	40	600	190	7,50	1,270	0,855
51	2	64	2,52	40	600	255	10,00	1,990	1,340
63	2 1/2	77	3,03	30	450	315	12,50	2,430	1,635
76	3	90	3,54	30	450	380	15,00	2,900	1,950
102	4	116	4,57	30	450	510	20,00	4,100	2,751



Air 40 bar (600 psi) steel braided

Tube: Black SBR - oil mist resistant

Reinforcement: High tensile steel wire braids

Cover: Yellow SBR - abrasion, ozone, hydrocarbon resistant - pin pricked

Use: High pressure compressed air designed for heavy duty mine and quarry applications where long service life and maximum safety is required

Safety factor: 4:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

AHHT-600Y

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
51	2	64	2,52	40	600	255	10,00	2,270	1,530
63	2 1/2	79	3,11	40	600	315	12,50	2,870	1,930
76	3	92	3,62	40	600	380	15,00	3,540	2,380



Air 40 bar (600 psi) high temperature - oil resistant steel braided

Tube: Black NBR (RMA Class A) - oil mist resistant

Reinforcement: High tensile steel wire braids

Cover: Yellow SBR/NBR - abrasion, ozone, hydrocarbon and flame resistant - pin pricked

Use: High pressure compressed air designed for heavy duty mine and quarry applications where long service life and maximum safety is required

Safety factor: 4:1

Temperature: -40 °C +120 °C (-40 °F +248 °F)

AHHT-1200BL

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
38	1 1/2	54	2,13	90	1350	190	7,50	2,090	1,405
51	2	67	2,64	80	1200	255	10,00	2,860	1,925



Air 80 bar (1200 psi) high temperature - steel braided

Tube: Black chlorobutyl - oil mist* and high temperature resistant

Reinforcement: High tensile steel wire braids

Cover: Blue EPDM - abrasion and ozone resistant - pin pricked

Use: High pressure compressed air designed for heavy duty mine and quarry applications where long service life and maximum safety is required. Designed for use of EN 853 2ST fittings

Safety factor: 4:1

Temperature: -40 °C +150 °C (-40 °F +300 °F)
with peaks of 232 °C (450 °F)

STH-270BK

mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	18	270	130	5,00	0,410	0,280
19	3/4	31	1,22	18	270	190	7,50	0,760	0,515
25	1	38	1,50	18	270	250	10,00	0,890	0,600



Steam 18 bar (270 psi) steel braided

Tube: Black conductive EPDM

Reinforcement: High tensile steel wire braids

Cover: Black conductive EPDM - heat, abrasion and ozone resistant - pin pricked

Use: Saturated and superheated steam

Safety factor: 10:1

Temperature: -40 °C +220 °C (-40 °F +430 °F)
intermittent to 232 °C (450 °F)

STEEL WIRE BRAIDED HOSES

STH-270R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,98	18	270	130	5,00	0,420	0,285
16	5/8	26	1,02	18	270	160	6,50	0,460	0,309
19	3/4	31	1,26	18	270	190	7,50	0,770	0,520
25	1	38	1,50	18	270	250	10,00	0,900	0,605
32	1 1/4	46	1,81	18	270	320	12,50	1,270	0,855
38	1 1/2	52	2,05	18	270	380	15,00	1,370	0,925
51	2	67	2,64	18	270	510	20,00	2,050	1,380
63	2 1/2	81	3,19	18	270	630	25,00	2,960	1,986
76	3	94	3,70	18	270	760	30,00	3,720	2,496



Steam 18 bar (270 psi) steel braided

Tube: Black conductive EPDM

Reinforcement: High tensile steel wire braids

Cover: Red EPDM - heat, abrasion and ozone resistant - pin pricked

Use: Saturated and superheated steam

Safety factor: 10:1

Temperature: -40 °C +220 °C (-40 °F +430 °F)
intermittent to 232 °C (450 °F)

STHI-270R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	25	0,98	18	270	130	5,00	0,470	0,320
19	3/4	33	1,30	18	270	190	7,50	0,870	0,585
25	1	40	1,57	18	270	250	10,00	0,990	0,670
32	1 1/4	48	1,89	18	270	320	12,50	1,470	0,990
38	1 1/2	54	2,13	18	270	380	15,00	1,600	1,080
51	2	69	2,72	18	270	510	20,00	2,290	1,540



Steam 18 bar (270 psi) steel braided

EN ISO 6134/2A

Tube: Black conductive EPDM

Reinforcement: High tensile steel wire braids

Cover: Red EPDM - heat, abrasion and ozone resistant - pin pricked

Use: Saturated and superheated steam

Safety factor: 10:1

Temperature: -40 °C +220 °C (-40 °F +430 °F)
intermittent to 232 °C (450 °F)

SCIIR-270BK

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	18	270	130	5,00	0,430	0,290
19	3/4	31	1,22	18	270	190	7,50	0,780	0,525
25	1	38	1,50	18	270	250	10,00	0,920	0,620
32	1 1/4	46	1,81	18	270	320	12,50	1,320	0,890
38	1 1/2	52	2,05	18	270	380	15,00	1,430	0,965
51	2	67	2,64	18	270	510	20,00	2,150	1,445



Steam 18 bar (270 psi) - CIIR steel braided

Tube: Black conductive chlorobutyl

Reinforcement: High tensile steel wire braids

Cover: Black conductive EPDM - heat, abrasion and ozone resistant - pin pricked

Use: Saturated and superheated steam

Safety factor: 10:1

Temperature: -40 °C +220 °C (-40 °F +430 °F)
intermittent to 232 °C (450 °F)

SCIIR-270R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	23	0,91	18	270	130	5,00	0,430	0,290
19	3/4	31	1,22	18	270	190	7,50	0,790	0,535
25	1	38	1,50	18	270	250	10,00	0,930	0,625
32	1 1/4	46	1,81	18	270	320	12,50	1,340	0,905
38	1 1/2	52	2,05	18	270	380	15,00	1,460	0,985
51	2	67	2,64	18	270	510	20,00	2,130	1,435



Steam 18 bar (270 psi) - CIIR steel braided

Tube: Black conductive chlorobutyl

Reinforcement: High tensile steel wire braids

Cover: Red EPDM - heat, abrasion and ozone resistant - pin pricked

Use: Saturated and superheated steam

Safety factor: 10:1

Temperature: -40 °C +220 °C (-40 °F +430 °F)
intermittent to 232 °C (450 °F)

SCIIR/I-270R

									
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft
13	1/2	25	0,98	18	270	130	5,00	0,490	0,330
19	3/4	33	1,30	18	270	190	7,50	0,890	0,600
25	1	40	1,57	18	270	250	10,00	1,050	0,710



Steam 18 bar (270 psi) - CIIR steel braided

EN ISO 6134/2A

Tube: Black conductive chlorobutyl

Reinforcement: High tensile steel wire braids

Cover: Red EPDM - heat, abrasion and ozone resistant - pin pricked

Use: Saturated and superheated steam

Safety factor: 10:1

Temperature: -40 °C +220 °C (-40 °F +430 °F)
intermittent to 232 °C (450 °F)

www.minghose.com

Hengshui Ruiming Rubber Products Co,Ltd
Duqiao Jingxian, Hengshui Hebei China

sales@minghose.com

www.minghose.com

