

Industrial Hose & Couplings Hydraulic Hose & Fitting Quick Connect Coupler

MAGNIFAX 

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AIR
WATER
PETROLEUM
CONCRETE
VACUUM
HOT WATER
BULK MATERIAL
FOOD
CHEMICAL
HEATER AND COOLER
HYDRAULIC



AIR HOSE

Contractor Air & Water Hose
Yellow Steel Wire Hose
Jackhammer Air Compressor Hose
Lay flat Compressed Air Hose

P. 400



AIR HOSE

High Pressure Lay Flat Compressed Air Hose

Features:

- Light, yet rugged and hard-wearing hose.
- The low weight, combined with a high-pressure rating, makes the hose popular and easy to use.
- The hose does not stretch when pulled and has a very high-pressure rating versus wall thickness.
- Excellent abrasion resistance.
- Double Jacket hose with TPU outer layer / Inner layer

Design:

- Double jacket hose solution ensuring high burst pressure, puncture resistance and flexibility
- High tensile polyester weaves covered and lined with an ultimate abrasion- and oil resistant Thermoplastic polyurethane (TPU).
- Field proven hose with long track record.
- Lengths up to 131 feet (40m).
- **High working pressure 633psi and nominal burst pressure 2535psi for 2"**.
- High flexibility.
- Easy handling – low weight compared to conventional hose.
- **High operating pressure and temperature Max. 110°C / +230°F.**



 PART NO.	 Inner Diameter		 Wall Thickness		 Tensile Strength		 Burst Pressure		 Weight	
	Inch	mm	ft/m	ft/m	x1000 lbs	Tons	PSI	Bar	lbs./Ft	Kg/m
OLMH-200-633	2	51	0.17	4.4	31.7	14.3	2535	175	0.55	0.82
OLMH-300-435	3	76	0.18	4.5	46.6	21.0	1740	120	0.83	1.24



NOTE: MINIMUM SAFETY FACTOR BP/WP IS 4:1 (25%) FOR COMPRESSED AIR (ISO 7751:1991)
COUPLING 2" DESIGNED AND APPROVED BY ATLAS COPCO.

Whip check cable recommended for safety



AIR HOSE

Contractor Air & Water Hose 300psi

Application:

Mandrel built heavy duty air and water hose for compressors, drilling equipment and standard pneumatics.

Tube:

Black smooth rubber.

Reinforcement:

High tensile textile plies.

Cover:

Yellow, smooth surface,

Working Pressure:

300 PSI, 20 bar

Nominal Burst Pressure:

900 PSI, 60 bar






Temperature:

-31°F/+176°F (-35°C /+80°C)

Marking:

iPARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
CAYW-050-300	1/2	13	0.91	23	0.24	0.36	200/61
CAYW-0625-300	5/8	16	1.02	26	0.28	0.41	200/61
CAYW-075-300	3/4	19	1.18	30	0.34	0.51	200/61
CAYW-100-300	1	25	1.46	37	0.48	0.72	200/61
CAYW-125-300	1¼	32	1.73	44	0.58	0.86	200/61
CAYW-150-300	1½	38	2.01	51	0.75	1.11	200/61
CAYW-200-300	2	51	2.6	66	1.16	1.72	200/61
CAYW-250-300	2½	63	3.11	79	1.49	2.21	200/61
CAYW-300-300	3	76	3.62	92	1.67	2.49	200/61
CAYW-400-300	4	102	4.65	118	2.18	3.25	200/61



AIR HOSE

Contractor Extra Pressure Air & Water Hose 400psi

Application:

Mandrel built heavy duty air and water hose for compressors, drilling equipment and standard pneumatic machines.

Tube:

Black smooth rubber.

Reinforcement:

High tensile textile plies.

Cover:

Yellow, smooth surface, fabric impression, weather and abrasion resistant.

Working Pressure:

400 PSI, 25 bar

Nominal Burst Pressure:

1200 PSI, 75 bar






Temperature:

-31°F/+176°F (-35°C /+80°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
CAYW-050-400	1/2	13	0.91	23	0.24	0.36	200/61
CAYW-0625-400	5/8	16	1.02	26	0.28	0.41	200/61
CAYW-075-400	3/4	19	1.18	30	0.34	0.51	200/61
CAYW-100-400	1	25	1.50	38	0.48	0.72	200/61
CAYW-125-400	1¼	32	1.81	46	0.58	0.86	200/61
CAYW-150-400	1½	38	2.05	52	0.75	1.11	200/61
CAYW-200-400	2	51	2.6	66	1.16	1.72	200/61
CAYW-250-400	2½	63	3.11	79	1.49	2.21	200/61
CAYW-300-400	3	76	3.70	94	1.67	2.49	200/61
CAYW-400-400	4	102	4.72	120	2.18	3.25	200/61



AIR HOSE

Yellow Steel Wire Hose

Application:

Mandrel built high pressure steel wire reinforced air hose. Heavy duty, and suitable for mining, rock drilling and oil industries.

Tube:

Black Nitrile rubber blended for oil mist.

Reinforcement:

High strength steel wire reinforced.

Cover:

Yellow, smooth surface, fabric impression, weather and abrasion resistant.

Working Pressure:

600 PSI, 40 bar

Nominal Burst Pressure:

1800 PSI, 120 bar

Temperature:

-40°F/+248°F (-40°C /+120°C)

Marking:

PARAGON



PART NO.	ID		OD		Pressure		Min. b. r.		Max. L
	Inch	mm	Inch	mm	Working Psi	Burst Psi	Inch	mm	ft/m
YSAH-150-600	1 ½"	38	1.93	49	600	1800	18	457	200/61
YSAH-200-600	2	51	2.6	64	600	1800	22	561	200/61
YSAH-300-600	3	76	3.66	93	500	1500	33.1	840	200/61
YSAH-400-525	4	102	4.72	120	400	1200	44	1120	200/61





AIR HOSE

Jackhammer Air Compressor Hose

Application:

This hose is specially designed for jack hammer and contractor use, also used for wash down in construction.

Tube:

Black, oil-mist resistance smooth rubber.

Reinforcement:

High tensile synthetic textile plies.

Cover:

Yellow, smooth rubber, weather and abrasion resistant.

Working Pressure:

300 PSI, 20 bar

Nominal Burst Pressure:

900 PSI, 60 bar






Temperature:

-31°F/+176°F (-35°C /+80°C)






Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
CAYS-050-300	1/2	13	0.88	22	0.22	0.33	50
CAYS-075-300	3/4	19	1.15	29	0.37	0.55	50/100
CAYS-100-300	1	25	1.42	36	0.50	0.74	50/100



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
CAYS-075-300-50'-UC	3/4	19	1.15	29	0.37	0.55	50/100
CAYS-100-300-50'-UC	1	25	1.42	36	0.50	0.74	50/100





AIR HOSE

High Temp. Compressed Air Hose – Steel Braided

Application:

High pressure steel wire braided compressed air hose used for heavy duty mine and quarry applications where maximum safety is a requirement. High durability is one of the main features.

Tube:

Black synthetic oil mist and high temperature resistant rubber.

Reinforcement:

Two high strength steel wire reinforced.

Cover:

Blue EPDM, ozone and abrasion resistant.

Working Pressure:

90 bar, 1300psi.

Nominal Burst Pressure:

Safety factor 4:1

360 bar, 5200psi.







Temperature:

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

Marking:

 PARAGON



 PART NO.	 ID		 OD		 Weight		 Min. b. r.	 Max. L
	Inch	mm	Inch	mm	lbs./FT	Kg/m	Inch	Ft/m
BHAH-200-1300	2	51	2.64	67	1.93	2.88	24.8	100/30



AIR HOSE

Yellow Lay flat Air Hose

Application:

Agriculture Irrigation
Cable covering
Drainage, watering
Mining and dewatering

Air Compressors
Dry material discharge
High pressure liquid pumping
Flotation booms

Working Pressure:

Varies by sizes from 300 to 85 PSI.

Nominal Burst Pressure:

Safety factor 3:1

Tube:

Yellow PVC/Nitrile material with a good abrasion, chemical and UV resistance.

Temperature:

-20°F/+176°F (-29°C /+80°C)

Reinforcement:

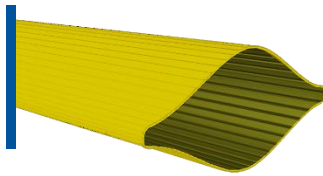
High tensile polyester yarn, weave pattern to avoid kinking and snaking.

Marking:

 PARAGON

Cover:

Yellow



PART NO.	ID		OD		Pressure		Weight		Max. L ft/m
	Inch	mm	Inch	mm	working Psi	Burst Psi	lbs./Ft	Kg/m	
YFAH-075-300 *	¾	19	0.08	2.0	300	900	0.23	0.34	300/100
YFAH-100-300 *	1	25	0.08	2.0	300	900	0.32	0.48	300/100
YFAH-150-225 *	1½	38	0.11	2.8	255	765	0.41	0.61	300/100
YFAH-200-200 *	2	51	0.12	3.0	200	600	0.52	0.77	300/100
YFAH-300-150	3	76	0.12	3.0	150	450	0.76	1.13	300/100
YFAH-400-150	4	102	0.12	3.0	150	450	1.21	1.80	300/100
YFAH-600-85	6	152	0.16	4.1	85	255	1.62	2.41	300/100

*Longer length available on request

Available with universal coupling on request.





WATER HOSE

Premium Water Garden Hose
Premium General Purpose Hose
Premium Heavy Duty PVC Water Discharge Hose
EPDM Water Suction & Discharge Hose

PVC Green & Blue Water Suction Hose
Beverages & Drinking Water Hose



WATER HOSE

Water Discharge Hose

Application:

Water discharge hose for water and non-corrosive fluids. Suitable for irrigation systems, agricultural vehicles, dewatering construction projects and industrial wastewater.

Tube:

Black smooth EPDM rubber.

Reinforcement:

High tensile textile plies.

Cover:

Black, smooth finish rubber, weather and abrasion resistant rubber with fabric impression.

Working Pressure:

150 PSI, 10 bar

Nominal Burst Pressure:

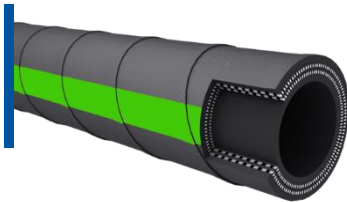
450 PSI, 30 bar






Temperature:

-40°F/+176°F (-40°C /+80°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./ft	Kg/m	ft/m
RWDH-200-150	2	51	2.24	57	0.38	0.57	200/61
RWDH-250-150	2½	63	2.60	66	0.44	0.65	200/61
RWDH-300-150	3	76	3.27	83	0.65	0.97	200/61
RWDH-400-150	4	102	4.33	110	1.01	1.50	200/61
RWDH-500-150	5	127	5.35	136	1.43	2.13	200/61
RWDH-600-150	6	152	6.26	159	1.54	2.29	100/30.5
RWDH-800-150	8	203	8.38	213	2.75	4.09	100/30.5
RWDH-1000-150	10	254	10.39	264	3.28	4.88	100/30.5
RWDH-1200-150	12	305	12.52	318	4.61	6.86	100/30.5

To order hose use part number starting RWDH-size-150-LL, for 6" RWDH-600-150-50'.

Hose assemblies with Bauer couplings and Camlock are available on request.



WATER HOSE Water Suction & Discharge Hose

Application:

Water suction and discharge hose for water and non-corrosive fluids. Suitable for irrigation systems, agricultural vehicles, dewatering construction projects and industrial wastewater.

Tube:

Black smooth rubber.

Reinforcement:

High tensile textile plies and steel helix wire.

Cover:

Black, smooth finish rubber, weather and abrasion resistant rubber with fabric impression.

Working Pressure:

150 PSI, 10 bar

Nominal Burst Pressure:

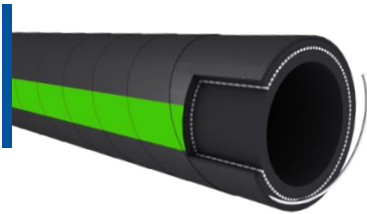
450 PSI, 30 bar


Temperature:

-40°F/+176°F (-40°C /+80°C)

Marking:





 PART NO.	 ID		 OD		 Vacuum.	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	In. hg	Inch	lbs./FT	Kg/m	ft/m
RWSH-075-150	3/4	19.0	1.14	29	23.9"	3.75	0.3	0.45	200/61
RWSH-100-150	1	25.4	1.38	35	23.9"	4.9	0.44	0.65	200/61
RWSH-125-150	1¼	31.8	1.65	42	23.9"	6.3	0.54	0.80	200/61
RWSH-150-150	1½	38.1	1.89	48	23.9"	7.5	0.64	0.95	200/61
RWSH-200-150	2	51	2.4	61	23.9"	10.1	0.84	1.25	200/61
RWSH-250-150	2½	63	2.91	74	23.9"	12.4	1.11	1.65	200/61
RWSH-300-150	3	76	3.46	88	23.9"	14.85	1.48	2.2	200/61
RWSH-400-150	4	102	4.49	114	23.9"	19.5	1.98	2.95	200/61
RWSH-500-150	5	127	5.63	143	23.9"	24.5	3.29	4.9	100/30.5
RWSH-600-150	6	152	6.61	168	23.9"	30.2	4.37	6.5	100/30.5
RWSH-800-150	8	203	8.86	225	23.9"	40	8.06	12	100/30.5
RWSH-1000-150	10	254	10.98	279	23.9"	50	11.76	17.5	100/30.5
RWSH-1200-150	12	305	13.03	331	23.9"	60	15.46	23	100/30.5



To order hose use part number starting RWSH-size-150-LL, for 4" RWSH-400-150-100. Hose assemblies with Bauer couplings are available on request.

 **WATER HOSE**
PVC Lay-Flat Water Discharge Hose

Application:

Light and economical lay flat hose which is easy to roll up and pack for storage after use. It is suitable for drip irrigation application and no tearing after punching. Produced in a single process inner and outer tube bound with high tensile yarn reinforcement.

Temperature:

-5°F/+170°F (-20°C /+76°C)

Marking:

 PARAGON







Tube and Cover:

Durable Polyvinyl Chloride PVC material.

Reinforcement:

High strength polyester yarn spiral wrap.



 PART NO.	 ID		 OD		 Pressure	 Weight		 Max. L
	Inch	mm	Inch	mm	PSI in 60°F	lbs./Ft	Kg/m	ft/m
BLFW-100-110-300	1	25	1.13	26.5	110	0.11	0.16	300/91
BLFW-125-80-300	1¼	32	1.38	33.1	80	0.13	0.19	300/91
BLFW-150-80-300	1½	38	1.63	39.7	80	0.16	0.24	300/91
BLFW-200-70-300	2	51	2.13	52.9	70	0.23	0.34	300/91
BLFW-250-70-300	2½	63	2.66	66.2	70	0.29	0.43	300/91
BLFW-300-65-300	3	76	3.16	79.4	65	0.39	0.58	300/91
BLFW-400-60-300	4	101	4.17	105.8	60	0.52	0.77	300/91
BLFW-500-60-300	5	127	5.17	132.2	60	0.68	1.01	300/91
BLFW-600-60-300	6	150	6.17	158.6	60	0.86	1.28	300/91
BLFW-800-45-300	8	203	8.21	211.4	45	1.3	1.94	300/91
BLFW-1000-45-300	10	254	10.24	264.2	45	1.81	2.69	300/91



Available with C/E camlock coupling on request.



WATER HOSE

Premium Heavy Duty PVC Water Discharge Hose

Application:
 Agriculture
 Construction
 Industrial Project
 Mining and Dewatering


Temperature:
 -5°F/+170°F (-20°C /+76°C)

Marking:


Tube and Cover:
 Durable PVC material with a good abrasion, chemicals and UV resistance.

Reinforcement:
 High Performance reinforcement designed for higher pressure.



 PART NO.	 Inner Diameter		 Wall Thickness		 Pressure	 Weight		 Max. L
	Inch	mm	Inch	mm	Psi in 60°F	lbs./Ft	Kg/m	ft/m
BRFW-150-150-300	1½	38	0.087	2.2	150	0.23	0.34	300/91
BRFW-200-150-300	2	50.8	0.091	2.3	150	0.32	0.48	300/91
BRFW-250-150-300	2½	63.5	0.095	2.4	150	0.41	0.61	300/91
BRFW-300-150-300	3	76.2	0.098	2.5	150	0.52	0.77	300/91
BRFW-400-125-300	4	101.6	0.110	2.8	125	0.76	1.13	300/91
BRFW-600-115-300	6	152.4	0.118	3.0	115	1.21	1.80	300/91
BRFW-800-70-300	8	203.2	0.122	3.1	70	1.62	2.41	300/91
BRFW-1000-65-300	10	254	0.122	3.1	65	1.95	2.90	300/91

WATER HOSE

Flexible Lay Flat Water Discharge Hose

RAPID INSTALLATION & RETRIEVAL OF THE SUBMERSIBLE PUMP:

Supplied in a single length to the required pump setting, there are no flanges or joints, except at the pump and headworks. Installation options include by crane or with a vehicle allowing for rapid restoration of service in the event of routine maintenance or pump failure.

LOW MAINTENANCE:

All synthetic materials of construction mean that there is zero corrosion and no scale build up. The high grade polyurethane lining and cover material is resistant to hydrocarbon fuels, many chemicals, ozone and UV, abrasion and microbial attack.



SUPERIOR HYDRAULIC PERFORMANCE:

The textile reinforcement is designed to swell under operating conditions up to 15%. This feature gives a nominal increase in riser diameter, reducing friction loss and improving hydraulic performance. Often this can be translated into a smaller Wellman diameter than conventional rigid pipe, giving additional financial benefits.

EASY TO STORE & TRANSPORT:

Wellman has a small storage footprint compared to rigid pipe, allowing transportation by smaller vehicles and requiring less manpower. Particularly useful when installation is required in remote locations with poor access.

TYPICAL APPLICATIONS INCLUDE:

- Groundwater abstraction - potable and brackish
- Water supply wells in R.O. desalination plant app.
- Food processing
- Irrigation/ Agriculture
- Environmental monitoring
- Mine de-watering
- Land stabilization
- Solar power systems
- Offshore rig fire water and service pumps

Working Temperature:

-40°F/+122°F (-40°C /+50°C)

AS/NZS 4020

KTW-DVGW



PART NO.	Inner Diameter		Flow Rate at 820 ft Pump Setting		Velocity at max. Flow		Burst Pressure		Weight		Max. L
	Inch	mm	gmp	l/s	f/s	m/s	Psi	Bar	lbs./Ft	Kg/m	ft
WWFB-200	2	51	127	8	8	2.4	900	62	0.5	0.7	300
WWFB-300	3	76	285	18	10	3.0	900	62	0.7	1.0	300
WWFB-400	4	102	650	41	10	3.0	900	62	1.1	1.6	300
WWFB-500	5	127	1238	78	14	4.2	840	58	1.3	2.0	300
WWFB-600	6	152	1665	105	15	4.5	840	58	1.7	2.5	300

NOTE: Safety BP/WP is 2:1 (50%). For all non-hazard and/or non-flammable liquids.

PORTABLE WATER HOSE – NSF-61

TPU Water Lay Flat Hose

Features:

Approved for transfer of potable water.
 Transfer large volumes of liquid with high working pressures. Lightweight and easy to deploy.
 Premium abrasion resistance.
 Minimum extension in length and snaking when in use.

Advantages:

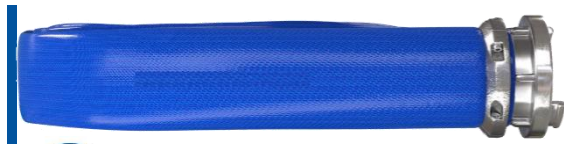
Designed, tested and certified for transfer of potable water. Excellent abrasion resistance of the TPU material enables the use of very thin and lightweight hoses with large diameters to be quickly and easily deployed.
 Can be delivered in long length (>200m) for sizes up to 6" (152)

Design:

Aqualand is made from extruded thermoplastic polyether based polyurethane (TPU).
 Reinforcement made from circular woven filament polyester yarn. The extrusion through the weave production method gives a very strong bonding between cover and lining as well as firmly encapsulating the woven polyester.

- Aqualand (TPU) can be used as an emergency bypass or even as a permanent alternative for supply of drinking water. This hose is also used in the ship service sector, and even for festivals and other temporary events.

Drinking water supply has become a major challenge worldwide. Aqualand has been designed to provide the most efficient, economical and easy to install transportation system for drinking water. Lay-flat hoses are the best option for water transfer when it comes to flexibility, low volume and easy handling and deployment.



PART NO.	Inner Diameter		Wall Thickness		Tensile Strength		Burst Pressure		Weight		Max. L
	Inch	Mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	lbs./Ft	Kg/m	ft
WAFB-100	1	25	0.07	1.9	3.3	1.5	725	50	0.13	0.20	300
WAFB-150	1 ½	38	0.08	2.1	5.8	2.6	655	45	0.20	0.30	300
WAFB-200	2	51	0.09	2.2	7.6	3.4	655	45	0.29	0.44	300
WAFB-250	2 ½	63	0.09	2.3	9.1	4.1	610	42	0.36	0.58	300
WAFB-300	3	76	0.09	2.4	10.7	4.8	610	42	0.47	0.75	300
WAFB-400	4	102	0.12	3.0	23.1	10.4	520	36	0.72	1.07	300
WAFB-500	5	127	0.12	3.0	26.9	12.1	435	30	0.99	1.48	300
WAFB-600	6	152	0.12	3.0	33.3	15.0	435	30	1.15	1.72	300
WAFB-800	8	203	0.13	3.2	43.8	19.7	380	26	1.53	2.30	300
WAFB-1000	10	254	0.13	3.3	65.8	29.6	305	21	2.05	3.08	300
WAFB-1200	12	305	0.13	3.4	83.1	37.4	220	15	2.53	3.80	300



NOTE: Safety BP/WP is 2:1 (50%). For all non-hazard and/or non-flammable liquids.

AGRICULTURAL DRAG HOSE TPU Lay Flat Drag Hose

Features:

Designed for umbilical drag system used for distribution of slurry and manure in agricultural fields.
 Designed with high tensile strength and abrasion.
 High tenacity filament polyester yarn.

Advantages:

Ultimate tensile strength and adhesion level polymer to weave.
 High diameter and extension stability.
 Low kink radius.
 High puncture resistance.
 Operation temperature from -50C to +75C (-58F to +167F) for pure water.
 Excellent UV and weathering resistance.

Design:

Covered and lined with TPU (Thermoplastic Polyurethane).
 Ensuring ultimate adhesion between TPU and the Weave.
 Heavily reinforced weave.

- The Agricultural Drag Hose series is flexible, high quality lay flat hoses specifically designed for the agriculture industry.

They are designed to use with umbilical drag systems to distribute slurry and manure in a time and cost-effective way.



 PART NO.	 Inner Diameter		 Wall Thickness		 Tensile Strength		 Burst Pressure		 Weight		 Max. L
	Inch	Mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	lbs./Ft	Kg/m	ft
ADRG-350	3 ½	90	0.14	3.4	28.7	13.0	650	45	0.70	1.05	660
ADRG-400	4	102	0.14	3.6	32.9	14.9	610	42	0.91	1.35	660
ADRG-450	4 ½	114	0.14	3.6	37.5	17.9	520	36	1.01	1.50	660
ADRG-500	5	125	0.14	3.6	43.9	19.9	460	32	1.11	1.65	660
ADRG-550	5 ½	140	0.15	3.8	48.3	21.8	435	30	1.29	1.29	660
ADRG-600	6	152	0.15	3.8	56.4	25.5	405	28	1.41	2.10	660
ADRG-800	8	203	0.17	4.2	102.8	46.5	435	30	2.21	3.30	660



WATER HOSE Premium PVC/NITRILE Discharge Hose

Application:

- | | |
|-----------------------|--------------------------|
| Agriculture | Irrigation |
| Construction | Limited oil and chemical |
| Industrial wash-down | Water pump discharge |
| Mining and dewatering | Cable covering |

Temperature:

-20°F/+176°F (-29°C /+80°C)

Marking:

 PARAGON







Tube and Cover:

Black PVC/Nitrile material extruded in one stage.

Reinforcement:

High tensile polyester yarn reinforcement.



 PART NO.	 Inner Diameter		 Wall Thickness		 Pressure	 Weight		 Max. L
	Inch	mm	Inch	mm	Psi in 60°F	lbs./Ft	Kg/m	ft/m
BKFW-150-300-200	1½	38	0.07	1.8	300	0.20	0.30	200/61
BKFW-200-220-200	2	51	0.07	1.8	220	0.27	0.40	200/61
BKFW-250-200-200	2½	63	0.09	2.3	200	0.38	0.57	200/61
BKFW-300-175-200	3	76	0.09	2.3	175	0.48	0.71	200/61
BKFW-400-150-200	4	102	0.09	2.3	150	0.71	1.06	200/61
BKFW-600-150-200	6	152	0.12	3.0	150	1.08	1.61	200/61

Longer length available on request.

 **WATER HOSE**
Single Jacket Firefighting, Mill Hose

Application:

Industrial firefighting.
Fire hose for brigade.
Industrial water discharge.
Available in standard length with aluminum NH couplings.

Temperature:

-20°F/+176°F (-29°C /+80°C)

Marking:






Tube and Cover:

Black EPDM rubber lining with 100% virgin polyester single jacket.

Fitting:

Coupled with NH/NSH aluminum male and female couplings, and brass expansion ring.



 PART NO.	 Inner Diameter Inch mm		Assembly AL. NH/NST	 Pressure Psi in 60°F
SJMh-150-150-ANh-LL	1½	38	25'/50'/100' Available any other custom lengths	W.P.150 B.P. 450
SJMh-200-150-ANh-LL	2	51		
SJMh-250-150-ANh-LL	2½	63		
SJMh-300-150-ANh-LL	3	76		
SJMh-400-150-ANh-LL	4	102		

WATER HOSE Low temperature PVC water suction and discharge hose

Application:

High flexible hose in sub-zero temperature, use for construction pump. Septic tank and marine pumps in rental and dewatering. Resistance to some chemicals, mild acids and wastewater. Special compound of PVC material to increase flexibility at low temperatures.

Temperature:

-40°F/+150°F (-40°C /+65°C)

Marking:

 PARAGON

Tube:

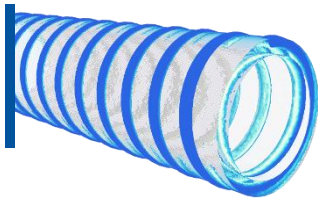
Smooth clear extra soft PVC.


Reinforcement:

Blue rigid PVC helix.

Cover:

Clear abrasion and weather resistant extra soft PVC.



 PART NO.	 ID		 OD		 W.P.	 Vacuum	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	Psi	In.hg	Inch	lbs./ft	Kg/m	ft/m
BPWH-075	3/4	19	0.95	24	90	29	3	0.16	0.24	100/30.5
BPWH-100	1	25	1.24	31	85	29	3	0.26	0.39	100/30.5
BPWH-125	1¼	32	1.54	39	80	29	4	0.34	0.51	100/30.5
BPWH-150	1½	38	1.81	46	70	29	5	0.44	0.65	100/30.5
BPWH-200	2	51	2.39	61	70	29	7	0.75	1.12	100/30.5
BPWH-250	2½	63	2.94	75	70	29	8	1.02	1.52	100/30.5
BPWH-300	3	76	3.43	87	65	29	10	1.21	1.80	100/30.5
BPWH-400	4	102	4.54	115	50	29	14	2.02	3.01	100/30.5
BPWH-600	6	152	6.67	169	35	28	23	3.70	5.51	100/30.5

WATER HOSE Green PVC water suction and discharge hose

Application:

An economical flexible hose for agricultural liquid fertilizer, air seeder lines, irrigation and water suction and discharge. This hose is resistance to some chemical and light acid.

Temperature:

-5°F/+150°F (-20°C /+65°C)

Marking:

 PARAGON

Tube:

Smooth clear PVC.









Reinforcement:

Green rigid PVC helix.

Cover:

Clear abrasion and weather resistant PVC.



 PART NO.	 ID		 OD		 W.P.	 Vacuum	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	Psi	In.hg	Inch	lbs./ft	Kg/m	ft/m
GPWH-075	3/4	19	0.95	24	90	29	2	0.16	0.24	100/30.5
GPWH-100	1	25	1.24	31	85	29	3	0.26	0.39	100/30.5
GPWH-125	1¼	32	1.54	39	80	29	4	0.34	0.51	100/30.5
GPWH-150	1½	38	1.81	46	70	29	6	0.44	0.65	100/30.5
GPWH-200	2	51	2.29	61	65	29	5	0.57	0.85	100/30.5
GPWH-250	2½	63	2.85	75	60	29	6	0.87	1.29	100/30.5
GPWH-300	3	76	3.43	87	60	29	12	1.21	1.80	100/30.5
GPWH-400	4	102	4.45	115	50	29	10	1.78	2.65	100/30.5
GPWH-600	6	152	6.67	169	35	28	25	3.70	5.51	100/30.5
GPWH-800	8	203	8.82	224	25	28	30	6.70	9.97	20/6

WATER HOSE EPDM Water Suction & Discharge Hose

Application:

Heavy duty EPDM liquid suction hose for industrial and agricultural water, cesspool cleaning, slurry and sludge handling, light chemical, dry material and marine use.

Temperature:

-40°F/+176°F (-40°C /+80°C)

Marking:

 PARAGON

Tube:

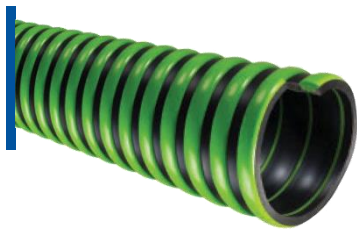
Black smooth EPDM rubber.









Reinforcement:

High polymerization helix.

Cover:

Green corrugated helix.



 PART NO.	 ID		 OD		 W.P.	 Vacuum	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	Psi	In. hg	Inch	lbs./FT	Kg/m	ft/m
PE300-100	1	25	1.38	35	60	29.8	2	0.23	0.34	100/30
PE300-125	1 ¼	32	1.62	41.1	60	29.8	3.3	0.34	0.50	100/30
PE300-150	1 ½	38	1.93	49	60	29.8	3.3	0.40	0.59	100/30
PE300-200	2	51	2.5	63.5	60	29.8	5.2	0.66	0.98	100/30
PE300-250	2 ½	63	3.1	78.7	50	29.8	5.5	0.93	1.38	100/30
PE300-300	3	76	3.55	90.1	44	29.8	7.1	1.11	1.65	100/30
PE300-400	4	102	4.6	116.8	38	29.8	11.0	1.85	2.75	100/30
PE300-500	5	127	5.75	146	28	28.0	16.5	2.15	3.19	100/30
PE300-600	6	152	6.8	172.7	23	28.0	20	3.07	4.56	100/30

HOT WATER HOSE
Super-Hot Water Washdown Hose

Application:

Mandrel built delivery hose suitable for hot water for cleaning service in food industry. Comply with FDA standards, free from *phthalates*.

Tube:

White smooth synthetic rubber, food quality, resistant to heat. Compliance with FDA standards.

Reinforcement:

High tensile textile plies.

Cover:

White, smooth rubber, resistant to abrasion, heat, traces of oil *and weather condition*. *Fabric impression*.

Working Pressure:

300 PSI, 20 bar

Nominal Burst Pressure:

900 PSI, 60 bar

Temperature:

-31°F/+320°F (-35°C /+160°C)

Marking:

PARAGON



Swivel SS316 End With Crimp ferrule



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
HWWU-050-300	1/2	13	0.90	23	0.255	0.38	200/61
HWWU-0625-300	5/8	16	1.02	26	0.295	0.44	200/61
HWWU-075-300	3/4	19	1.18	30	0.38	0.57	200/61
HWWU-100-300	1	25	1.41	38	0.53	0.79	200/61
HWWU-125-300	1¼	32	1.69	46	0.75	1.12	200/61
HWWU-150-300	1½	38	1.99	54	0.96	1.43	200/61
HWWU-200-300	2	51	2.24	68	1.38	2.05	200/61
HWWU-250-300	2½	63	2.56	81	1.73	2.58	200/61





WATER HOSE

Premium Water Garden Hose

Application:

This is a utility hose for air and water services in construction industry with long life and high flexibility.

Tube:

Black smooth rubber.

Reinforcement:

High tensile textile plies.

Cover:

Black smooth rubber, weather and abrasion resistant.

Working Pressure:

200 PSI, 14 bar

Nominal Burst Pressure:

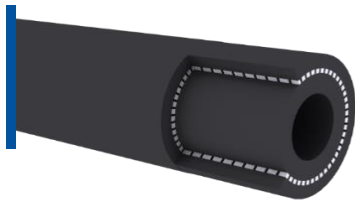
600 PSI, 42 Bar






Temperature:

-31°F/+176°F (35°C /+80°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	Ft/M
PGH-050-250	1/2	13	0.79	20	0.20	0.30	500 / 150
PGH-062-250	5/8	16	0.94	24	0.23	0.34	500 / 150
PGH-075-250	3/4	19	1.1	28	0.34	0.51	400 / 120

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Application:

Air and water hose with maximum flexibility in agriculture, marine and construction industries. General purpose hose used for air tools, jack hammers, hot and cold water wash down and even low-pressure agricultural spray, vehicle repair and in-plant operations.

Tube:

Black and limited oil resistance from EPDM rubber.

Reinforcement:

High tensile synthetic yarn.

Cover:

Red color EPDM rubber, ozone and weather conditions resistance.

Working Pressure:

250 PSI, 17 bar

Nominal Burst Pressure:

750 PSI, 51 Bar






Temperature:

-40°F/+194°F (-40°C /+90°C)

Marking:

i PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	Ft/M
RGPH-025-250-LL	1/4	6	0.55	14	0.12	0.18	500/150
RGPH-037-250-LL	3/8	10	0.67	17	0.17	0.25	500/150
RGPH-050-250-LL	1/2	13	0.83	21	0.25	0.37	250/75
RGPH-075-250-LL	3/4	19	1.1	28	0.38	0.57	200/61
RGPH-100-250-LL	1	25	1.46	37	0.51	0.76	200/61
RGPH-125-250-LL	1 ¼	32	1.73	44	0.8	1.19	100/30.5
RGPH-150-250-LL	1 ½	38	2.13	54	0.98	1.46	100/30.5
RGPH-200-250-LL	2	51	2.6	66	1.15	1.71	100/30.5

WATER HOSE Beverages and Portable Water Suction & Discharge Hose

Application:

Food suction and delivery hose for milk and dairy, light alcoholic beverages, drinking water, fruit juices, oily and fatty foodstuff. FDA and 3A sanitary standards, BfR recommendations XXI cat. 2, REG CE 1935/04 and 2023/06 DM21/3/73.

Tube:

White, smooth, mirror-like, odorless and taste free NBR rubber.

Reinforcement:

High tensile textile plies with steel helix wire.

Cover:

Blue or grey color, resistant to vegetable fats, abrasion, ozone and weather conditions.

Working pressure:

150 PSI, 10 bar

Nominal burst pressure:

450 PSI, 30 bar

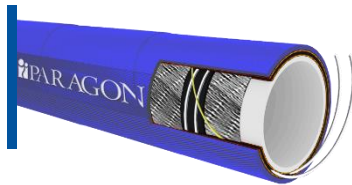
Temperature:







-31°F/+194°F (-35°C /+90°C)

Can be sterilized at +266°F (130°C) for max. 30 minutes.

Marking:





 PART NO.	 ID		 OD		 Vacuum	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	In. hg	Inch	lbs./FT	Kg/m	ft/m
BWSH-075-150	3/4	19.0	1.22	31	26.93"	1.77	0.42	0.63	200/61
BWSH-100-150	1	25	1.45	37	26.93"	2.16	0.52	0.77	200/61
BWSH-125-150	1¼	32	1.73	44	26.93"	2.75	0.62	0.92	200/61
BWSH-150-150	1½	38	2.05	52	26.93"	3.15	0.88	1.32	200/61
BWSH-200-150	2	51	2.56	65	26.93"	4.33	1.24	1.84	200/61
BWSH-250-150	2½	63	3.11	79	26.93"	5.51	1.67	2.49	200/61
BWSH-300-150	3	76	3.62	92	26.93"	6.69	1.90	2.83	200/61
BWSH-400-150	4	102	4.80	122	26.93"	8.66	3.28	4.89	200/61

Hose is resistant to a tensile stress of 880 lbs with a diameter shrinkage of 3.5%.

WATER HOSE Steel Mill Water Cooling Hose

Application:

Glass fiber covered water cooling hose for the steel and glass industry. Cover is resistant to heat and molten steel bits resistant. Hose is electricity resistance to 25 KV according to EN 61386-1.

Tube:

White smooth rubber with insulating properties and heat resistance

Reinforcement:

High tensile textile plies.

Cover:

Specially colored rubber, insulating and heat resistant. External glass fiber ply treated with self-extinguishing rubber resistant to radiant heat up to 600° C.

Working pressure:

150 PSI, 10 bar

Nominal burst pressure:

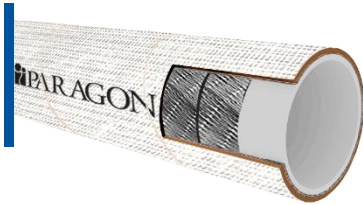
450 PSI, 30 bar


Temperature:

Max temperature of the conveyed fluid +120° C

Marking:





 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	Ft/M
SMWH-050	1/2	13	0.9	23	2.96	4.40	200/61
SMWH-075	3/4	19.0	1.22	31	4.55	6.77	200/61
SMWH-100	1	25	1.49	38	6.07	9.03	200/61
SMWH-125	1 ¼	32	1.89	48	9.47	14.09	200/61
SMWH-150	1 ½	38	2.16	55	11.78	17.53	200/61
SMWH-200	2	51	2.76	70	17.86	26.58	200/61
SMWH-250	2 ½	63	3.38	86	22.56	33.57	200/61
SMWH-300	3	76	3.78	96	24.30	36.16	200/61
SMWH-400	4	102	4.84	123	33.63	50.04	200/61





PETROLEUM HOSE

Tank truck suction & discharge hose
Smart-flex suction & discharge truck hose

MAGNIFAX 

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www.magnifax.ca



PETROLEUM HOSE

Tank Truck Suction & Discharge Hose

Application:

Oil suction and discharge hose suitable for petroleum products.

Tube:

Black smooth synthetic rubber, resistant to mineral oils and fuels with maximum 50% aromatic content.

Reinforcement:

High tensile textile plies and helix wire embedded and antistatic wire.

Cover:

Black, smooth conductive rubber, abrasion, oil, fuel, ozone and weather resistant

Working Pressure:

150 PSI, 10 bar

Nominal Burst Pressure:

450 PSI, 30 bar








Temperature:

-22°F/+194°F (-30°C /+90°C)

Marking:

 PARAGON



 c	 ID		 OD		 Vacuum	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	In. hg	Inch	lbs./ft	Kg/m	ft / m
TTSH-075-150	3/4	19.0	1.18	30	24	4	0.37	0.55	200/61
TTSH-100-150	1	25	1.41	36	24	4	0.46	0.68	200/61
TTSH-125-150	1¼	32	1.69	43	24	4	0.63	0.94	200/61
TTSH-150-150	1½	38	1.99	51	24	5	0.72	1.07	200/61
TTSH-175-150	1¾	45	2.24	57	24	5	0.79	1.18	200/61
TTSH-200-150	2	51	2.56	65	24	6	0.93	1.38	200/61
TTSH-250-150	2½	62	3.11	79	24	8	1.39	2.07	200/61
TTSH-300-150	3	76	3.62	92	24	9	1.85	2.75	200/61
TTSH-350-150	3½	90	4.25	108	24	10	2.93	4.36	200/61
TTSH-400-150	4	102	4.72	120	24	12	2.93	4.36	200/61
TTSH-600-150	6	152	6.98	179	24	30	4.43	6.59	100/30.5
TTSH-800-150	8	203	9.25	235	24	42	6.20	9.23	100/30.5



PETROLEUM HOSE

Corrugated Tank Truck Oil Suction & Discharge Hose

Application:

Corrugated suction and discharge hose designed for transfer of petroleum and fuel from tank-to-tank trucks and vice versa in fuel stations. It is light weight, easy to handle and flexible hose.

Tube:

Black smooth rubber suitable for mineral oil and all grades of petroleum products with up to 50% aromatic content and unleaded petrol with maximum 5% MTBE and 15% oxygenated compounds.

Reinforcement:

High tensile textile plies, helix wire embedded and antistatic wire.

Cover:

Black, corrugated surface, conductive, resistant to abrasion, oil, fuel, ozone and weather conditions.

Working Pressure:

150 PSI, 10 bar

Nominal Burst Pressure:

450 PSI, 30 bar

Temperature:

-22°F/+194°F (-30°C /+90°C)

Marking:

iPARAGON



PART NO.	ID		OD		Vacuum	Min. b. r.	Weight		Max. L
	Inch	mm	Inch	mm	In.hg	Inch	lbs./ft	Kg/m	ft /m
TTCH-100-150	1	25	1.41	36	24	2	0.47	0.70	200/61
TTCH-125-150	1¼	32	1.69	43	24	2.5	0.50	0.75	200/61
TTCH-150-150	1½	38	1.99	51	24	3.5	0.67	1.00	200/61
TTCH-200-150	2	51	2.56	65	24	5	0.94	1.40	200/61
TTCH-250-150	2½	63	3.11	79	24	6	1.28	1.90	200/61
TTCH-300-150	3	76	3.62	92	24	8	1.61	2.40	200/61
TTCH-400-150	4	102	4.72	120	24	10	2.49	3.70	200/61
TTCH-500-150	5	127	6.98	179	24	14	3.02	4.50	100/30.5
TTCH-600-150	6	152	9.25	235	24	16	4.44	6.60	100/30.5



PETROLEUM HOSE

Tank Truck Suction & Discharge Hose 300PSI

Application:

Oil suction and discharge hose suitable for petroleum products.

Tube:

Black smooth synthetic rubber, resistant to mineral oils and fuels with maximum 50% aromatic content.

Reinforcement:

High tensile textile plies and helix wire embedded and antistatic wire.

Cover:

Black, smooth conductive rubber, abrasion, oil, fuel, ozone and weather resistant.



Working Pressure:

300 PSI, 20 bar

Nominal Burst Pressure:







900 PSI, 60 bar

Temperature:

-22°F/+194°F (-30°C /+90°C)

Marking:

 PARAGON

 PART NO.	 ID		 OD		 Vacuum	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	In.hg	Inch	lbs./ft	Kg/m	ft /m
TTSH-200-300	2	51	2.60	66	30	8	1.30	1.38	200/61
TTSH-300-300	3	76	3.62	92	30	12	2.06	2.75	200/61
TTSH-400-300	4	102	4.72	120	30	18	3.05	4.36	200/61
TTSH-600-300	6	152	6.88	175	30	42	5.95	6.59	100/30.5



PETROLEUM HOSE

Square Corrugated Tank Truck Suction & Discharge Hose 150PSI

Application:

Corrugated suction and discharge hose designed for transfer of mineral oils, diesel fuel and gasoline with aromatic contents up to 50%. Very flexible.

Tube:

Black smooth NBR rubber suitable for mineral oil and all grades of petroleum products with up to 50% aromatic content.

Reinforcement:

High strength synthetic plies, with steel spirals and 1 copper wire for hose grounding.

Cover:

Black, helix grooved, cloth impression, antistatic SBR/NBR/PVC rubber compound, resistant to oils, abrasion and weather agents.

Working pressure:

150 PSI, 10 bar

Nominal burst pressure:

450 PSI, 30 bar








Temperature:

-22°F + 176°F (-30°C + 80°C).

Marking:

 PARAGON



 PART NO.	 ID		 OD		 Vacuum	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	In. hg	Inch	lbs./ft	Kg/m	ft /m
TTCS-100-150	1	25	1.46	37	26	2.95	0.52	0.78	200/61
TTCS-125-150	1 ¼	32	1.73	44	26	3.7	0.67	1.00	200/61
TTCS-150-150	1 ½	38	1.97	50	26	4.48	0.83	1.24	200/61
tTCS-200-150	2	51	2.56	65	26	6.02	1.06	1.57	200/61
TTCS-2375-150	2 3/8	60	2.91	74	26	10.63	1.14	1.70	200/61
TTCS-250-150	2 ½	63.5	3.07	78	20	11.22	1.21	1.80	200/61
TTCS-300-150	3	76	3.58	91	20	13.38	2.01	3.00	200/61
TTCS-400-150	4	102	4.69	119	20	17.71	2.82	4.20	200/61



PETROLEUM HOSE

Fuel Discharge Hose

Application:

Smooth cover fuel transfer hose use in farm pumps and designed to transfer refined fuels for gravity-feed storage tank.

Tube:

Black, smooth, conductive black Nitrile rubber.

Reinforcement:

Two high tensile synthetic textile plies with static wire.

Cover:

Black, smooth chloroprene.

Working pressure:

150 PSI, 10 bar

Nominal burst pressure:

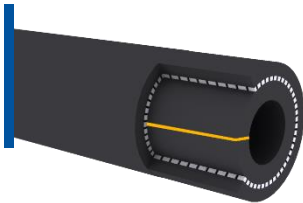
150 PSI, 10 bar

Temperature:

-40°F/+180°F (-40°C /+82°C).

Marking:

 PARAGON



PART NO.	Inner Diameter		Wall Thickness		Outside Diameter		Weight		Max. L
	Inch	mm	Inch	mm	In. hg	Inch	lbs./ft	Kg/m	ft /m
FGH-075-50	¾	19	0.181	4.6	1.112	28	0.35	0.5	200/61
FGH-100-50	1	25	0.195	4.95	1.39	35.3	0.48	0.7	200/61

Packing: 200' coil, Available on reel with additional cost.

PETROLEUM HOSE

Fuel Oil Delivery Hose

Application:

Fuel hose is used for transfer and delivery of fuel oil and petroleum products for commercial, industrial, and home delivery services. This hose can handle variety of fuels with good kinking resistance.

Tube:

Black Nitrile Synthetic Rubber.

Reinforcement:

2 braided, high tensile synthetic yarn with anti-static wire.

Cover:

Red modified rubber (Smooth Finish).

Working Pressure:

200 PSI

Nominal Burst Pressure:

800 PSI






Temperature:

-20°F/+180°F (-29°C /+82°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	Ft/M
FODL-100-200-LL	1	25	1.50	38	0.57	0.84	400/121
FODL-125-200-LL	1 1/4	32	1.75	44	0.66	0.98	200/61
FODL-138-200-LL	1 3/8	35	1.88	48	0.71	1.05	200/61
FODL-150-200-LL	1 1/2	38	2.08	53	0.92	1.37	200/61



PETROLEUM HOSE

High Temperature Tank Truck Hose

Application:

High temperature tank truck hose is designed for in-plant and oil field operations. This hose is designed for hot oil and Glycol at a high temperature up to 250°F (120°C).

Tube:

Heat resistant synthetic rubber compound.

Reinforcement:

High tensile wire helix embedded in layers of textile cords.

Cover:

Black corrugated, abrasion and oil resistant.

Working Pressure:

150 PSI

*300 PSI is available upon request.

Nominal Burst Pressure:

450 PSI






Temperature:

Up to 250°F (120°C).

Marking:

iPARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	Ft/M
HTTC-200-150-LL	2	51	2.52	64	0.94	0.63	200/61
HTTC-250-150-LL	2 1/2	63	3.03	77	1.28	0.86	200/61
HTTC-300-150-LL	300	76	3.54	90	1.61	1.08	200/61
HTTC-400-150-LL	400	102	4.61	117	2.49	1.67	200/61



PETROLEUM HOSE

Low Temp Tank Truck Suction & Discharge Hose

Application:

Tank Truck Oil suction and discharge hose suitable for petroleum products for extreme low temperature.

Tube:

Black, smooth, conductive, synthetic rubber, suitable for petroleum products with up to 50% aromatic.

Reinforcement:

High tensile textile plies and two helix wires embedded and antistatic wire.

Cover:

Black, smooth conductive rubber, abrasion, oil, fuel, ozone and weather resistant.

Working pressure:

150 PSI, 10 bar

Nominal burst pressure:

450 PSI, 30 bar








Temperature:

-65°F/+194°F (-54°C /+90°C)

Marking:

 PARAGON



 PART NO.	 ID		 OD		 Vacc.	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	In. Hg	Inch	lbs./ft	Kg/m	ft / m
LTTTC-200-150	2	51	2.48	63	24	7	1.18	1.75	100/30.5
LTTTC-300-150	3	76	3.50	89	24	10	1.85	2.7	100/30.5
LTTTC-400-150	4	102	4.57	116	24	14	2.77	4.1	100/30.5
LTTTC-600-150	6	152	6.69	170	24	20	5.16	7.6	50/15.25
LTTTC-800-150	8	203	8.86	225	24	26	8.26	12.2	50/15.25



PETROLEUM HOSE

Hard Wall Marine Exhaust Hose

Application:

Used for wet exhaust in craft marine engine applications. Also used for suction and discharge of fuel, oil, and hydraulic fluid where unique sizes are required.

Tube:

Black NBR
Exhaust gas, fuel and fire resistant.

Reinforcement:

High tensile textile cords with flexible steel helix wire.

Cover:

Black NBR
Ozone, hydrocarbon and fire resistant.

Working pressure:

30 PSI, 2 Bar

Nominal burst pressure:

90 PSI, 6 bar







Temperature:

-4°F/+212°F (-20°C /+100°C)

Marking:

 PARAGON



 PART NO.	 ID		 OD		 Vacuum	 Min. b. r.	 Weight	
	Inch	mm	Inch	mm	In. hg	Inch	lbs./ft	Kg/m
MEH-0625-30	5/8	16	1.02	26	30	2	0.36	0.24
MEH-075-30	3/4	19	1.14	29	30	2 1/4	0.45	0.30
MEH-0875-30	7/8	22	1.26	32	30	2 3/4	0.49	0.33
MEH-100-30	1	25	1.38	35	30	3	0.55	0.37
MEH-1125-30	1 1/8	28	1.50	38	30	3 1/4	0.60	0.40
MEH-150-30	1 1/2	38	1.89	48	30	4 1/2	0.70	0.47
MEH-175-30	1 3/4	45	2.20	56	30	5 1/4	0.86	0.58
MEH-200-30	2	51	2.44	62	30	6	0.98	0.66
MEH-250-30	2 1/2	63	2.87	73	27	7 1/2	1.32	0.89
MEH-300-30	3	76	3.39	86	27	9	1.53	1.03
MEH-350-30	3 1/2	90	3.94	100	27	10 1/2	1..90	1.28
MEH-400-30	4	102	4.41	112	27	12	2.12	1.42



PETROLEUM HOSE

Fuel Drop Hose

Application:

Light and flexible lorry collecting hose suitable for oil and petroleum, aromatic content up to 50%. Features an external thermoplastic helix with high abrasion and low coefficient of friction.

Tube:

Black NBR, conductive

Reinforcement:

Synthetic plies, a/s wire to discharge static electricity

Cover:

Black corrugated, with a green outer thermoplastic helix. Abrasion, ageing, ozone and oil resistant.

Working pressure:

150 PSI, 10 Bar

Nominal burst pressure:

450 PSI, 30 bar

Temperature:

-13°F/+176°F (-25°C /+80°C)

Marking:

 PARAGON



PART NO.	ID		OD		V acc.	Min. b. r.	Weight		Max. L
	Inch	mm	Inch	mm	In. Hg		lbs./ft	Kg/m	
FUDR-150-150	1 ½	38	-	-	13	3.15	0.78	1.17	100/30.5
FUDR-200-150	2	51	-	-	13	3.94	1.05	1.57	100/30.5
FUDR-250-150	2 ½	63.5	-	-	11.5	5.12	1.27	1.90	100/30.5
FUDR-300-150	3	76	-	-	11.5	5.91	1.54	2.30	50/15.25
FUDR-400-150	4	102	-	-	10	7.87	1.99	2.97	50/15.25



MILITARY

FUELMAN
Antistatic Hose

PETROLEUM HOSE

Low weight
Easy deployment and retrieval
Long lengths + 600ft
Easy to access the copper wires for safe installation



REFINERIES



BULK REFUELING





PETROLEUM HOSE

Antistatic Oil & Gas Layflat Hose

Features:

This Antistatic hose has an excellent abrasion resistance and a very high tensile strength. It is resistant to UV, ozone, fuels as well as weathering / hydrolysis and commonly used chemicals.

It has a positive buoyancy when operated in sea water or fresh water. The hose meets the requirements set out in MIL-PRF-370J. The hose is manufactured in compliance with ISO 9001:2015 quality management system.

Advantages:

Low weight.

Easy deployment and retrieval.

Less storage needed - Stored on reels or flaked in containers

Long lengths + 200m

Easy to access the copper wires for safe installation

Design:

Fuelman is a heavy duty Thermoplastic Polyurethane covered hose designed for transferring fuels, other liquid hydrocarbons or to be used as a general purpose Antistatic hose.

The lay flat hose is designed using the state of the art "extrusion through the weave" technology, ensuring a very good bonding between cover and lining the textile weave.

The antistatic property is ensured by dual longitudinal copper wire straps attached to the hose body and which are connected to the end coupling.



FUELMAN is an Antistatic hose with an excellent abrasion resistance and a very high tensile strength.

It is resistant to UV, ozone, fuels as well as weathering/hydrolysis and commonly used chemicals

PART NO.	Inner Diameter		Wall Thickness		Tensile Strength		Burst Pressure		Weight		Max. L ft
	Inch	mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	lbs./Ft	Kg/m	
PUFD-150	1½	38	0.07	2.1	5.8	2.8	655	45	0.20	0.30	600
PUFD-200	2	51	0.09	2.2	7.6	3.5	655	45	0.29	0.44	600
PUFD-250	2½	63	0.09	2.3	9.1	4.3	610	42	0.36	0.58	600
PUFD-300	3	76	0.09	2.1	10.7	5.0	610	42	0.47	0.75	600
PUFD-400	4	102	0.09	2.2	23.1	10.8	520	36	0.72	1.07	600











PETROLEUM HOSE

Antistatic Oil & Gas Layflat Hose

FUELMAN STANDARD

 PART NO.	 Inner Diameter		 Wall Thickness		 Tensile Strength		 Burst Pressure		 Weight		 Max. L
	Inch	mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	lbs./Ft	Kg/m	ft
PUFD-600	6	152	0.15	3.7	44.0	21.0	650	45	1.34	2.0	600
PUFD-700	7	178	0.16	4.0	70.0	31.8	650	45	1.61	2.4	600
PUFD-800	8	203	0.17	4.2	81.5	37.0	610	42	2.15	3.2	600
PUFD-1000	10	254	0.17	4.3	101.2	46.0	520	36	2.73	4.1	600
PUFD-1200	12	305	0.18	4.5	120.0	54.5	435	30	3.38	5.0	600

FUELMAN EXTRA (Precalculated figures only)

 PART NO.	 Inner Diameter		 Wall Thickness		 Tensile Strength		 Burst Pressure		 Weight		 Max. L
	Inch	mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	lbs./Ft	Kg/m	ft
PUFDX-200	2	51	0.13	3.2	10.1	4.6	900	62	0.47	0.7	600
PUFDX-300	3	76	0.13	3.3	17.6	8.0	900	62	0.67	1.0	600
PUFDX-400	4	102	0.15	3.8	30.8	14.0	900	62	1.07	1.6	600
PUFDX-600	6	152	0.17	4.4	50.6	23.0	850	58	1.68	2.5	600

FUELMAN EXTREME (Precalculated figures only)

 PART NO.	 Inner Diameter		 Wall Thickness		 Tensile Strength		 Burst Pressure		 Weight		 Max. L
	Inch	mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	lbs./Ft	Kg/m	ft
PUFDS-400	4	102	0.17	4.2	178	80	2500	172	1.16	1.73	600
PUFDS-500	5	127	0.18	4.5	218	98	2500	172	1.64	2.45	600

NOTE: SAFETY BP/WP IS 2:1 (50%). FOR ALL NON-HAZARD AND/OR NON-FLAMMABLE LIQUIDS.

NOTE: Maximum working pressure is 25% of listed Burst pressure, i.e. SF4:1. Ensure that the end coupling is designed for this working pressure. The Burst pressure listed is measured on a straight, free expanding hose according to ISO 1402. Tensile strength is calculated values. Operating Temperature range. -50 to +50 °C. Recommended operating pH range: 5 to 9.



PETROLEUM/WATER HOSE

Oil & Gas Lay flat Hose

Features:

Full diameter recovery after pressure release.
Excellent hydrolysis and fungus resistance. Resistance to a wide range of chemicals.
Temperature range -50 to 75 °C (pure water), Excellent UV, Ozone and weathering resistance.
Leak proof tested section lengths up to 200 mts.

Advantages:

Excellent hydrolysis and fungus resistance
High diameter and extension stability.
Resistance to a wide range of chemicals (Ref. chemical list), Temperature range -50 to 75 °C (pure water), Excellent UV and weathering resistance.
Longer length (> 650feet) on request for diameter up to 6 inches.

Design:

Thermoplastic polyether-based polyurethane (TPU)
Extrusion through a circular woven jacket
Excellent adhesion between cover and weave

Technical data:

A durable lightweight hose for all-round use within mining, energy and agricultural sector.

Easy handling and a long lifetime makes it very cost effective. Available in lengths up to 800 m depending on diameter.

Typical application areas are dewatering of open pit mines, irrigation and bypass line for sewage or slurry.



PART NO.	Inner Diameter		Wall Thickness		Tensile Strength		Burst Pressure		Weight		Max. L ft
	Inch	mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	lbs./Ft	Kg/m	
UTPH-250	2 ½	63	0.11	2.8	14.3	6.5	810	56	0.44	0.66	650
UTPH-300	3	76	0.11	2.8	17.4	7.9	780	54	0.54	0.84	650
UTPH-350	3 ½	90	0.11	2.9	20.0	9.1	620	43	0.66	0.98	650
UTPH-400	4	102	0,13	3.2	22.2	10.1	610	42	0.80	1.20	650
UTPH-450	4 ½	114	0,13	3.2	23.8	10.8	535	37	0.93	1.39	650
UTPH-500	5	127	0,13	3.2	26.4	12.0	505	35	1.02	1.52	650
UTPH-600	6	152	0,13	3.2	32.8	14.9	435	30	1.16	1.73	650
UTPH-700	7	178	0,13	3.2	37.6	17,1	390	27	1.37	2.05	200



NOTE: Safety BP/WP is 2:1 (50%). For all non-hazard and/or non-flammable liquids.



PETROLEUM/WATER HOSE HVT

Oil & Gas Layflat Hose

Features:

Full diameter recovery after pressure release.
Excellent hydrolysis and fungus resistance. Resistant to a wide range of chemicals.
Temperature range -50 to 75 °C (pure water), Excellent UV, Ozone and weathering resistance.
Leak proof tested section lengths up to 200 mts.

Advantages:

Excellent hydrolysis and fungus resistance.
High diameter and extension stability.
Resistance to a wide range of chemicals (Ref. chemical list).
Excellent UV and weathering resistance.

Design:

Thermoplastic polyether-based polyurethane (TPU)
Extrusion through a circular woven jacket
Excellent adhesion between cover and weave

Technical data:

A durable lightweight hose for all-round use within mining, energy and agricultural sector.

Easy handling and a long lifetime make it very cost effective. Available in lengths up to 800 m depending on diameter.

Typical application areas are dewatering of open pit mines, irrigation and bypass line for sewage or slurry.



PART NO.	Inner Diameter		Wall Thickness		Tensile Strength		Burst Pressure		Weight	
	Inch	mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	lbs./Ft	Kg/m
UTPV-800	8	203	0.16	3.9	81.5	37	610	42	1.82	2.7
UTPV-1000	10	254	0.16	4.0	101.0	46	520	36	2.35	3.5
UTPV-1200	12	305	0.17	4.2	120.0	54.5	435	30	2.83	4.3



NOTE: Safety BP/WP is 2:1 (50%). For all non-hazard and/or non-flammable liquids.



CONCRETE HOSE

Boom Placing Steel Wire Hose
Grout & Plaster Hose
Layflat TPU Concrete & Mortar Hose
Cleaning Balls & Seals
Elbow, Pipes & Spare Parts



MAGNIFAX 

Tel: (647) 622-2445

sales@magnifax.ca

www.magnifax.ca

CONCRETE HOSE

Layflat TPU Concrete & Mortar Hose

Application:

Lay-flat boom tip hose ideal for ICF forms, columns and tall walls where space is at a minimum.

Tube:

Extruded thermoplastic polyether-based polyurethane (TPU).

Reinforcement:

Circular woven aramid fiber, "extra-strong yarn"

Cover:

Extruded TPU Yellow and orange cover, bonded to lining.

Working Pressure:

1233 PSI, 85 bar

Nominal Burst Pressure:

2466 PSI, 170 bar

Temperature:

-40°F/+158°F (-40°C /+70°C)

Marking:

PARAGON

Standard Coupling

Heavy duty Victaulic standard coupling



Advantage:

- 1/3 lighter than traditional Flexible boom hose
- Safer operations and excellent maneuverability
- Outstanding wearing resistance
- Custom various lengths
- Anti-whip properties

PART NO.	Inner Diameter		Wall Thickness		Tensile Strength		Weight		Max. L
	Inch	mm	Inch	mm	x1000 Lbs.	Tons	lbs./Ft	Kg/m	feet
OPUC-400-1233-L	4	102	0.175	4.44	178	80	1.5	2.2	10,25,50
YPUC-500-1233-LL	5	127	0.175	4.44	218	98	1.65	2.45	10,25,50
OPUC-5-4-1233-LL	4	102	0.175	4.44	178	80	1.5	2.2	10,12,15,20,25



Reducer end 5"-4"

Features:

- Light weight
- Easy to operate in tight and narrow places
- More steady flow at lower placement rates
- Bright yellow color for safety and good visibility
- Excellent resistance in harsh weather
- Easy to clean



CONCRETE HOSE PRE-ASSEMBLED

Boom Placing Steel Wire Hose

Application:

Mandrel built steel wire reinforced concrete placement hose for concrete pumping. Available on standard and custom lengths, assembled with heavy duty and metric full flow Victaulic fittings at 62/64 HRC.

Tube:

High abrasion resistant conductive black rubber NBR.

Reinforcement:

High strength brass coated spiral steel wires.

Cover:

Weather, ozone, and abrasion resistant. Black SBR/EPDM rubber.

Working Pressure:

1233 PSI, 85 bar

Nominal Burst Pressure:

2466 PSI, 170 bar





Temperature:

-40°F/+158°F (-40°C /+70°C)

Marking:





 PART NO.	 Inner Diameter		 Outside Diameter		 Length		End Type
	Inch	mm	Inch	mm	FT		
CPSH-200-1233-LL-HD2	2	51	2.75	70	25'	50'	HD ends
CPSH-250-1233-LL-HD2	2 ½	63	3.46	88	10'	25'	HD ends
CPSH-300-1233-LL-HD2	3	76	4.0	102	10'	25'	HD ends
CPSH-400-1233-LL-HD2	4	102	5.04	128	10'		HD ends
CPSH-500-1233-LL-MT2	5	127	6.10	155	4', 5', 6', 8', 10', 13'		Metric

****Custom length assembly is available for all sizes****



CONCRETE HOSE

Reducing Boom Hose

Application:

The hose engineered with a cone shape for enhanced control of flow, and easier concrete filling of forms and blocks.

Tube:

High abrasion resistant conductive black NBR rubber.

Reinforcement:

High strength brass coated spiral steel wires.

Cover:

Weather, ozone resistant, abrasion resistant, black SBR/EPDM rubber.

Working Pressure:

1233 PSI, 85 bar

Nominal Burst Pressure:

2466 PSI, 170 bar

Temperature:



-40°F/+158°F (-40°C /+70°C)

Marking:

 PARAGON



Steel reinforced reducing boom hose from 5" to 4" and 5" to 3"

 PART NO.	ID Size Inch	End type	 Weight	
			lbs.	Kg
CCSH-500-400-M-11.5'	5" to 4"	Metric Full Flow End	97	44
CCSH-500-300-M-11.5'	5" to 3"	Metric Full Flow End	93	42



CONCRETE HOSE

Concrete Steel Wire Hose 1233 PSI

Application:

Mandrel built steel wire reinforced concrete placement hose. Suitable for SCC (Self Compacting Concrete). Available on standard lengths, custom built lengths completed with swaged full flow Victaulic fittings, hardened at 62 / 64 HRC.

Tube:

Black smooth conductive rubber, abrasion resistant.

Reinforcement:

High strength brass coated spiral steel wires.

Cover:

Black, smooth, conductive rubber, resistant to weather and abrasion. Fabric impression.

Working Pressure:

1233 PSI, 85 bar

Nominal Burst Pressure:

Safety factor 2:1

Vacuum

23.94 in. Hg

Temperature:

-40°F/+158°F (-40°C /+70°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		No Wire Nr
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	
CPSH-200-1233	2	51	2.75"	70	1.7	2.53	4
CPSH-250-1233	2 ½	63	3.42"	87	2.6	3.87	4
CPSH-300-1233	3	76	3.97"	101	3.8	5.65	4
CPSH-400/1-1233	4	102	4.84"	123	4.6	6.84	4
CPSH-400/2-1233	4	102	5.03"	128	5.1	7.59	4
CPSH-500/1-1233	5	127	5.90"	150	5.8	8.63	4
CPSH-500/2-1233	5	127	6.10"	155	6.5	9.67	4



Heavy Duty Gunite Hose

Application:

This hose is used for transfer of sand and cement under pressure to the placement mixing gun nozzle. Recommended for all types of gunning applications.

Tube:

Tan Pureten gum rubber or black Tufsyn rubber.

Reinforcement:

Spiral-piled synthetic fabric.

Cover:

Tan Plioflex synthetic rubber (wrapped impression).

Working Pressure:

150 PSI, 10 bar

Nominal Burst Pressure:

450 PSI, 30 bar






Temperature:

-40°F/+180°F (-40°C /+82°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
GTH-125	1 1/4	32	2.16	55	1.24	0.83	200/61
GTH-150	1 1/2	38	2.43	62	1.48	1	200/61
GTH-200	2	51	2.94	75	1.86	1.25	200/61

CONCRETE HOSE

Concrete/Shotcrete & Plaster Fabric Hose

Application:

Mandrel built delivery hose for plaster, concrete, slurry, chalk and abrasive materials. Used on concrete machines for construction of tunnels and in public works.

Tube:

Black smooth conductive rubber, abrasion resistant.

Reinforcement:

High tensile textile plies.

Cover:

Black, smooth rubber, weather and abrasion resistant. Fabric impression.

Working Pressure:

1233 PSI, 85 bar

Nominal Burst Pressure:

2466 PSI, 170 bar

Temperature:

-40°F/+158°F (-40°C /+70°C)

Marking:

 PARAGON



PART NO. 	Inner Diameter 		Outside Diameter 		Weight 		Max. L 	No plies
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m	Nr
GRH-100-1233	1	25	1.69	43	0.7	1.04	61/200	4
GRH-125-1233	1 ¼	32	1.87	48	0.9	1.34	61/200	4
GRH-150-1233	1 ½	38	2.32	59	1.1	1.64	61/200	4
GRH-200-1233	2	51	2.83	72	1.4	2.08	61/200	4
GRH-250-1233	2 ½	63	3.43	87	2.0	2.98	61/200	6
GRH-300-1233	3	76	3.97	101	2.7	4.02	61/200	6
GRH-400-1233	4	102	5.12	130	3.8	5.65	61/200	6
GRH-500-1233	5	127	6.15	156	4.8	7.1	30.5/100	6



Cleanout Balls

Medium Cleanout Sponge Ball for all Pipes, Joints & Hoses



PART NO.	CBMO-200-60	CBMO-300-90	CBMO-400-125	CBMO-500-150	CBMO-600-175	CBMO-800-200	CBMO-900-230
Hose Size	2"	3"	4"	5"	6"	8"	9"
Sponge Ball Size (mm)	60	90	120	150	175	200	230



Rubber Gasket

Metric Rubber Gasket for Swivel Boom Pipes



PART NO.	RSL-500 Fixed	RSSL-500 Swivel
Size	5"	5"



Rubber Gasket

HD Rubber Gasket



PART NO.	RSLH-200	RSLH-300	RSLH-400	RSLH-500
Size	2"	3"	4"	5"



Placing Disc

24" Steel Placing Disc for Concrete Hose Joints



PART NO.	HDSK-2400
Size	24"

HD Clamps Forged

Fixed & Adjustable HD Clamps



CECH-200 Fixed	CECH-250 Fixed	CXCH-300 Adjustable	CXCH-400 Adjustable	CXCH-500 Adjustable
2"	2 1/2"	3"	4"	5"

Elbow Twin

90/R275 Twin Elbow



PART NO.	ELBT-500-90-275
Size	5"

Elbow Cast

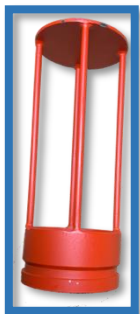
90/275 Cast Elbow



PART NO.	ELBC-500-90-275
Size	5"

Devil Catcher

5" Devil Catcher






PART NO.	DCM-500
Size	5"



Reducer Pipe

Welded reducer pipe



 PART NO.	 Size		 Length	Ends
	Inch	Inch	Inch	
RPHD-2.5-2-28"-HD	2.5	2	28	HD/HD
RPHD-3-2-48"-HD	3	2	48	HD/HD
RPHD-3-2-36"-HD	3	2	36	HD/HD
RPHD-3-2.5-36"-HD	3	2.5	36	HD/HD
RPHD-4-2-36"-HD	4	2	36	HD/HD
RPHD-4-2-60"-HD	4	2	60	HD/HD
RPHD-4-3-36"-HD	4	3	36	HD/HD
RPHD-5-3-59"-HD	5	3	59	HD/HD
RPHD-5-4-18"-HD	5	4	18	HD/HD
RPMT-5-4-18"-MT/HD	5	4	18	Metric/HD
RPHD-5-4-36"-HD	5	4	36	HD/HD
RPMT-5-4-36"-MT/HD	5	4	36	Metric/HD
RPHD-5-4-59"-HD	5	4	59	HD/HD



VACUUM HOSE

Industrial vacuum boom hose
Debris collection boom and swiper hose
Premium EPDM 300 suction hose
Heavy duty abrasion resistance suction hose

VACUUM ABRASION HOSE

Industrial Vacuum Boom Hose

Application:

Heavy duty bulk material suction and discharge hose, with corrugated cover. Full vacuum for Vac-Truck boom applications, available with cuff ends.

Tube:

Red NR smooth rubber with 1/4" thick and high abrasion resistant.

Reinforcement:

High tensile textile plies, helix wire embedded, antistatic wire.

Cover:

Black, corrugated rubber, weather and abrasion resistant.

Working pressure:

150 PSI, 10 bar

Nominal burst pressure:

450 PSI, 30 bar

Temperature:

-40°F/+212°F (-40°C /+100°C)

Marking:

 PARAGON



Mandrel built bulk material suction and delivery hose suitable for abrasive materials, slurries, sand, plastic granulate and mobile drilling rigs with corrugated surface to reach maximum required flexibility

PART NO.	ID		OD		Vacc.	Min. b. r.	Weight		Max. L
	Inch	mm	Inch	mm	In. hg	Inch	lbs./ft	Kg/m	ft /m
IVRG-200-200	2	51	72	2.83	29	4	1	1.49	200/61
IVRG-250-250	2½	63	84	3.31	29	5	1.4	2.08	200/61
IVRG-300-300	3	76	98	3.86	29	6	1.8	2.68	200/61
IVRG-350-350	3½	90	111	4.37	29	7	2	2.98	200/61
IVRG-400-400	4	102	125	4.92	29	8	2.3	3.42	200/61
IVRG-500-500	5	127	151	5.94	29	10	3	4.46	100/30.5
IVRG-600-600	6	152	177	6.97	29	12	3.97	5.91	100/30.5
IVRG-800-800	8	203	233	9.17	29	16	6.63	9.87	100/30.5



VACUUM ABRASION HOSE

Debris Collection Boom and Swiper Hose

Application:

Heavy duty corrugated cover hose with both ends cuffed and full vacuum for boom applications.

Tube:

Red, yellow, tan and black smooth surface rubber $\frac{3}{16}$ and $\frac{1}{4}$ thick.

Reinforcement:

Twin helix steel wire and polyester fabric reinforcement.

Cover:

Corrugated black abrasion resistance *rubber*.

Working pressure:

150 PSI, 10 bar

Nominal burst pressure:

450 PSI, 30 bar

Vacuum

29 in. Hg

Temperature:

-40°F/+212°F (-40°C /+100°C)

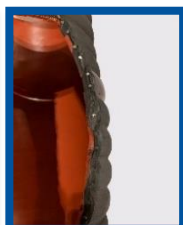
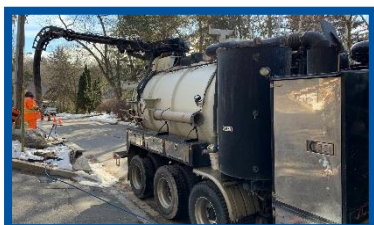
Marking:

PARAGON



A double-helix spring-steel wire reinforcement encapsulated in a wrapped rubber and polyester yarn reinforcement built a flexible abrasion resistant hose for vacuum trucks.

PART NO.	ID		OD		Min. b. r.	Weight		Max. L
	Inch	mm	Inch	mm		lbs./ft	Kg/m	
DB400-187-100	4	102	4.87	123.5	15	4.6	6.84	8.3/2.54
DB600-250-100	6	152	6.70	170	22	5.4	8.04	8.3/2.54
DB600-250-50	6	152	6.70	170.	22	5.4	8.04	4.16/1.27
DB600-250-120	6	152	6.70	170	22	5.4	8.04	10.00/3.0
DB800-250-25	8	203	8.80	223.5	30	7.9	11.76	2.08/0.63
DB800-250-32	8	203	8.80	223.5	30	7.9	11.76	2.66/0.81
DB800-250-36	8	203	8.80	223.5	30	7.9	11.76	3.00/0.91
DB800-250-54	8	203	8.80	223.5	30	7.9	11.76	4.50/1.37
DB800-250-57	8	203	8.80	223.5	30	7.9	11.76	4.75/1.45
DB800-250-60	8	203	8.80	223.5	30	7.9	11.76	5.00/1.52
DB800-250-62	8	203	8.80	223.5	30	7.9	11.76	5.16/1.50
DB800-250-66	8	203	8.80	223.5	30	7.9	11.76	5.50/1.60
DB800-250-102	8	203	8.80	223.5	30	7.9	11.76	8.50/2.60
DB800-250-127	8	203	8.80	223.5	30	7.9	11.76	10.58/3.22
DB1000-250-120	10	254	11.11	282	30	10.5	15.62	10.00/3.0
DB1200-250-120	12	304	13.50	343	30	12.5	18.60	10.00/3.0





VACUUM ABRASION HOSE

Sludge & Debris Vacuum Hose

Application:

Heavy duty bulk material suction and discharge for ultra-abrasive materials mounting on trucks and vacuum equipment. 5/16" tube designed for higher abrasion with cutting edge, tearing and wear from abrasive media.

Tube:

Yellow and white smooth pure gum rubber, ¼" and 5/16" tube thickness, ultra-resistant to abrasion.

Reinforcement:

High tensile textile plies, helix wire embedded, antistatic wire.

Cover:

Green, corrugated rubber, weather and abrasion resistant. Fabric impression.

Working pressure:

87 PSI, 6 Bar

Nominal burst pressure:

261 PSI, 6 Bar

Temperature:







-40°F/+160°F (-40°C /+71°C)

Marking:





Hoe is produced in 2 different versions. The yellow tube works for higher abrasion materials with cutting edge, and the white tube is suitable for abrasion material which may need FDA approval such as PVC granular and grains.

 PART NO.	 ID		 OD		 Vacc.	 Weight		 Max. L
	Inch	mm	Inch	mm	In.hg	lbs./ft	Kg/m	ft /m
SLYG-400-87	4	102	128	5.04	29	5.10	3.42	200/61
SLYG-600-87	6	152	180	7.09	29	6.08	4.09	100/30.5
SLYG-800-87	8	203	236	9.20	29	8.95	6.01	100/30.5
SLYG-1000-87	10	254	288	11.20	29	11.20	7.53	100/30.5

VACUUM ABRASION HOSE

Premium EPDM 300 Suction Hose

Application:

Heavy duty EPDM liquid suction hose for industrial and agricultural water, cesspool cleaning, slurry and sludge handling, light chemical, dry material and marine use.

Temperature:

-40°F/+176°F (-40°C /+80°C)

Tube:

Black smooth EPDM rubber.

Marking:

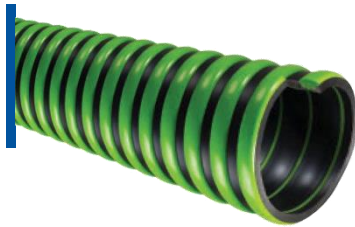
 PARAGON

Reinforcement:

High polymerization helix.

Cover:

Green corrugated helix.



PART NO.	ID		OD		w.p.	Vacc.	Min. b. r.	Weight		Max. L
	Inch	mm	Inch	mm	Psi	In. hg	Inch	lbs./FT	Kg/m	ft/m
PE300-100-LL	1	25	1.38	35	60	29.8	2	0.23	0.34	100/30
PE300-125-LL	1 ¼	32	1.62	41.1	60	29.8	3.3	0.34	0.50	100/30
PE300-150-LL	1 ½	38	1.93	49	60	29.8	3.3	0.40	0.59	100/30
PE300-200-LL	2	51	2.5	63.5	60	29.8	5.2	0.66	0.98	100/30
PE300-250-LL	2 ½	63	3.1	78.7	50	29.8	5.5	0.93	1.38	100/30
PE300-300-LL	3	76	3.55	90.1	44	29.8	7.1	1.11	1.65	100/30
PE300-400-LL	4	102	4.6	116.8	38	29.8	11.0	1.85	2.75	100/30
PE300-500-LL	5	127	5.75	146	28	28.0	16.5	2.15	3.19	100/30
PE300-600-LL	6	152	6.8	172.7	23	28.0	20	3.07	4.56	100/30

VACUUM ABRASION HOSE

Heavy Duty Abrasion Resistant Suction Hose BR180

Application:

Heavy duty abrasion hose for vacuum trucks used for suction of cement, sand, crushed rocks, gravels, grains and fertilizer.

Temperature:

-40°F/+140°F (-40°C /+60°C)

Tube:

Black smooth abrasion resistant SBR blended rubber with static carbon black.

Marking:

 PARAGON

Reinforcement:

Rigid PVC clockwise helix.

Cover:

Corrugated black SBR rubber with UV and abrasion resistant.



Light weight and flexible with extreme abrasion resistant.

PART NO.	ID		OD		w.p.	Vacc.	Min. b. r.	Weight		Max. L
	Inch	mm	Inch	mm	Psi	In.hg	Inch	lbs./FT	Kg/m	ft/m
BR180-200	2"	51	2.4	61	40	29.8	2.5	0.50	0.74	100/30
BR180-300	3"	76	3.5	89	35	29.8	3	1.10	1.64	100/30
BR180-400	4"	102	4.63	117	30	29.8	4	1.77	2.63	100/30
BR180-600	6"	152	6.8	173	30	28	8	3.08	4.58	100/30
BR180-800	8"	203	9.04	229	30	27	12	5.65	8.41	100/30
BR180-100	10	254	11.18	284	28	25	20	8.88	13.21	40/12



Hose assemblies are available with camlock or any other fittings.

VACUUM ABRASION HOSE

Premium Nitrile Discharge Hose

Application:

Agriculture	Irrigation
Construction	Limited oil and chemical
Industrial wash-down	Water pump discharge
Mining and dewatering	Cable covering

Temperature:

-20°F/+176°F (-29°C /+80°C)

Marking:




Tube and cover:

Black PVC/Nitrile material extruded in one stage.

Reinforcement:

High tensile polyester yarn reinforcement.



 PART NO.	 Inner Diameter		 Wall Thickness		 Pressure	 Weight		 Max. L
	Inch	mm	Inch	mm	Psi in 60°F	lbs./FT	Kg/m	ft/m
BKFW-150-300-200	1½	38	0.07	1.8	300	0.20	0.30	200/61
BKFW-200-220-200	2	51	0.07	1.8	220	0.27	0.40	200/61
BKFW-250-200-200	2½	63	0.09	2.3	200	0.38	0.57	200/61
BKFW-300-175-200	3	76	0.09	2.3	175	0.48	0.71	200/61
BKFW-400-150-200	4	102	0.09	2.3	150	0.71	1.06	200/61
BKFW-600-150-200	6	152	0.12	3.0	150	1.08	1.61	200/61
BKFW-800-150-200	8	203	0.13	3.3	150	1.85	2.75	200/61
BKFW-1000-150-200	10	254	0.15	3.8	150	2.86	4.26	200/61

Longer length available on request.

Vacuum Flexible & Heavy-duty PE Ducting hose Hose Protectors

Our Tiger Tail hose have been designed specifically to protect sewer cleaning jetting hoses. This product can significantly reduce wear and tear on the hose, which leads to a superior service life. A 20' heavy duty rope is provided with this product to help secure the hose while in use.

Product used for cleaning and suction of any kind of petroleum, cooking oil, chemical and light acid.

Application:

Suction of liquid in sanitary and sewer applications, also used in airport services. Oil and chemical suction pumps.

Working pressure:

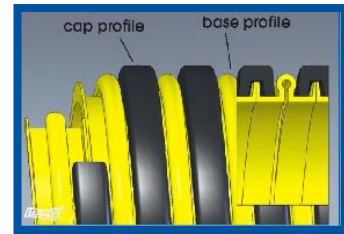
Vacuum 0.95 bar

Temperature:

-40°F/+158°F (-40°C /+70°C)

Material:

Polyethylene, yellow-black. Special colors available upon request.



PART NO.	Inner Diameter		Outside Diameter		Weight		Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	Ft/M
TTYH-200-LL	2	51	3.0	76	0.64	0.95	65 / 20
TTYH-300-LL	3	76	3.78	96	0.95	1.40	65 / 20
TTYH-400-LL	4	102	4.8	122	1.22	1.80	65 / 20
Cuff end Tiger tail assemblies							
TTYH-200-3-CF	2	51	3.0	76	2.2	1.0	3' cuff ends
TTYH-300-3-CF	3	76	3.78	96	3.3	1.5	3' cuff ends





HOT WATER HOSE

Washdown Hose
With Swivel Fitting
Steam Hose
Pressure Washer Hose



HOT WATER HOSE

Super-Hot Water Washdown Hose

Application:

Mandrel built delivery hose suitable for hot water for cleaning services in the food industry. Compliance with FDA standards, free from *phthalates*.

Tube:

White smooth synthetic rubber, resistant to heat. Compliance with FDA standards.

Reinforcement:

High tensile textile plies.

Cover:

White, smooth rubber, resistant to abrasion, heat, traces of oil and weather condition. Fabric impression.

Working Pressure:

300 PSI, 20 bar

Nominal Burst Pressure:

900 PSI, 60 bar

Temperature:

-31°F/+320°F (-35°C /+160°C)

Marking:

 PARAGON



Swivel SS316 End With Crimp Ferrule



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
HWWU-050-300-200	1/2	13	0.90	23	0.255	0.38	200/61
HWWU-0625-300-200	5/8	16	1.02	26	0.295	0.44	200/61
HWWU-075-300-200	3/4	19	1.18	30	0.38	0.57	200/61
HWWU-100-300-200	1	25	1.41	38	0.53	0.79	200/61
HWWU-125-300-200	1¼	32	1.69	46	0.75	1.12	200/61
HWWU-150-300-200	1½	38	1.99	54	0.96	1.43	200/61
HWWU-200-300-200	2	51	2.24	68	1.38	2.05	200/61
HWWU-250-300-200	2½	63	2.56	81	1.73	2.58	200/61





WASHDOWN SWIVEL FITTINGS

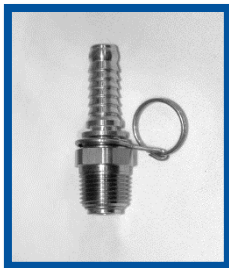
Swivel Fitting and Ferrules for Super Hot Water Wash Down

Features and Benefits:

- 360° swivel rotation prevents hose from kinking and allows for easy swiveling during wash down.
Note: Swivel is not recommended for continuous turning applications.
- Both fitting and ferrule is SS316 material.
- 1/2", 5/8" and 3/4" hose size fittings are standard with 1/2" male NPT body.
- Swivel body and shank is sealed with Viton O-ring inside the body area, with round wire style snap ring in front of the body.
- Interlock pattern on shank will grip and seal the hose properly and it will allow for easy installation. Smooth and roundness end will help installation and prevent any damage to the hose.
- It is recommended to use both ends with swivel fitting for easier hose wrapping.

Interlock Crimp Style:

- Interlock groove is designed with light duty ferrule to seal hose properly.
- Rated at 300 psi at 70°F and 126 psi at 200°F.
- Ferrule and shank lengths are matched together for a higher performance, and it is recommended to use both together.



PART NO.		Hose ID		Hose OD		Ferrule OD		Crimp OD		
Swivel Fitting	Ferrule	Inch	mm	Inch	mm	Inch	mm	Inch	Inch	mm
HWMX-050-NPT	FHSS-050	1/2	13	0.90	23	1.04	26.44	0.87	56/64	22.01
HWMX-0625-NPT	FHSS-0625	5/8	16	1.02	26	1.16	29.50	0.99	63/64	25.03
HWMX-075-NPT	FHSS-075	3/4	19	1.18	30	1.34	33.90	1.14	1" 9/64	28.90



STEAM HOSE

Steam Wire Hose – EN ISO 6134 2A

Application:

Suitable for conveying saturated steam and hot water.

Feature:

Electrically conductive: Resistance R<106 Ohm.

Tube:

EPDM, black, electrically conductive, smooth tube.

Reinforcement:

Zinc plated steel braided.

Cover:

EPDM, black, resistant to ozone and weather, electrically conductive, cloth impression.

Temperature:

-31°F/+410°F (-35°C /+210°C)
(Saturated steam)
+120°C (hot water).

Safety Factor

Steam 10: 1, Hot water 3,15: 1

Standard/Approval:

EN ISO 6134:2017 Type 2, class A.

Marking:

 PARAGON



PART NO. 	ID 		OD 		w. p. Saturn Steam 	w. p. Hot Water 	Min. b. r. 	Weight 		Max. L 
	Inch	mm	Inch	mm			Inch	lbs./ft	Kg/m	ft/m
SCHB-050-2	1/2	13	0.98	25	261	797	80	3.97	5.91	131/40
SCHB-0625-2	5/8	16	1.10	28	261	797	90	4.33	6.44	131/40
SCHB-075-2	3/4	19	1.22	31	261	797	110	5.06	7.53	131/40
SCHB-075-2	3/4	19	1.29	33	261	797	110	6.14	9.14	131/40
SCHB-100-2	1	25	1.57	40	261	797	180	7.95	11.83	131/40
SCHB-125-2	1¼	32	1.88	48	261	797	250	11.21	16.68	131/40
SCHB-150-2	1 ½	38	2.12	54	261	797	300	13.01	19.36	131/40
SCHB-200-2	2	51	2.70	68.8	261	797	420	19.16	28.51	131/40

Notice:

ATTENTION: Use only with suitable fittings (clamp fittings according to EN 14423:2016).

ATTENTION: Superheated steam shortens considerably the service life of the hose.

ATTENTION: Please refer to our saturated steam table.

Vacuum resistance up to ID 32: - 0.8 bar; up to ID 50: -0.4 bar

* No EN ISO 6134:2017 dimension



HOT WATER Steam Hose

Application:

Mandrel built steam hose designed for use with saturated steam up to 210 °C / 18 bar and peaks of superheated steam up to 232 °C / 18 bar. Compliance with BS 5342 type 2A .

Tube:

Black smooth rubber, heat and steam resistant. Specially developed to avoid cracking and hardening.

Reinforcement:

High tensile spiral wire.

Cover:

Red, smooth rubber, abrasion, ozone and weather resistant. Pin is pricked to evacuate gases. Fabric impression.

Working Pressure:

270 PSI, 18 bar

Nominal Burst Pressure:

2700 PSI, 180 bar


Temperature:

-40°F/+450°F (-40°C /+232°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
SWR-075-270	3/4	19	1.22	31	0.49	0.73	200/61
SWR-100-270	1	25	1.45	37	0.61	0.91	200/61
SWR-125-270	1¼	32	1.81	46	0.89	1.33	200/61
SWR-150-270	1½	38	2.04	52	1.05	1.57	200/61
SWR-200-270	2	51	2.59	66	1.51	2.25	200/61
SWR-250-270	2½	63	3.18	81	2.27	3.38	200/61
SWR-300-270	3	76	3.77	96	3.06	4.56	200/61
SWR-400-270	4	102	4.88	124	4.70	6.99	200/61



HOT WATER

Steam Cleaner Hose

Application:

High performance steam hose for cleaner machines and pressure washers equipment.

Tube:

Black smooth rubber, heat and steam resistant. Specially developed to avoid cracking and hardening.

Reinforcement:

High tensile steel wire braided.

Cover:

Black, smooth finish cover, abrasion, heat, ozone, and weather resistant. Pin pricked to evacuate gases. Fabric impression.

Working Pressure/Temperature:

Steam:

350 PSI at 325°F for 3/8" & 1/2"

Safety factor: 10:1

Hot water:

3000psi at 250°F for 3/8"

2500psi at 250°F for 1/2"

Safety factor 4:1

Temperature:

Hot water:






-40°F/+250°F (-40°C /+121°C)

Steam:

-40°F/+325°F (-40°C /+163°C)

* Not recommended for cold water.



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
SCHB-0375-350	3/8	9.5	0.69	17.5	0.23	0.34	200/61
SCHB-050-350	1/2	13	0.82	21	0.32	0.48	200/61

PRESSURE WASHER HOSE 1 Wire And 2 Wire Pressure Washer Hose

Application:

Designed for high pressure cleaning applications. Oil, fuel, weather, ozone and abrasion resistant.

Tube:

Synthetic black rubber tube.

Reinforcement:

One or two high tensile steel wire compact braid reinforcement.

Cover:

Synthetic rubber black or gray outer cover.

Temperature:

-40°F/+212°F (-40°C /+100°C)

Max operating temp. +257°F (+125°C)

Air max+160°F (+70°C)

Operating temp. more than +212°F (+100°C) may reduce the life of the hose.

Ambient -40°F/+175°F (-40°C /+80°C)

Marking:












As a Canadian manufacturer of high performance 1 & 2 wire pressure washer hose, we can accommodate any specific requirements you may desire.



1/4" 3/8" & 1/2" PROWASH I & II

MEET OR EXCEEDS THE REQUIREMENT OF SAE J517 EN 857 1SC
 MEET FLAME RESISTANCE AND DESIGNATION US MSHA IC-152/1

 PART NO. 1 WIRE	 ID		 OD		 W. P.	 B. P.	 Min. b. r.	 Max. L
	Inch	mm	Inch	mm	Psi	Psi	Inch	ft/m
PWB1-025-50'	¼	6	0.48	12	5000	15000	2.0	25', 50', 75',100'
PWB1-0375-50'	¾	9.5	0.63	16	4000	12500	2.5	25', 50', 75',100'
PWB1-050-50'	½	12.5	0.75	19	3000	10000	3.5	25', 50', 75',100'

 PART NO. 2 WIRE	 ID		 OD		 W. P.	 B. P.	 Min. b. r.	 Max. L
	Inch	mm	Inch	mm	Psi	Psi	Inch	ft/m
PWB2-025-50'	¼	6	0.48	12	7000	24000	2.0	25', 50', 75',100'
PWB2-0375-50'	¾	9.5	0.63	16	6000	18000	2.5	25', 50', 75',100'
PWB2-050-50'	½	12.5	0.75	19	4500	12500	3.5	25', 50', 75',100'

Features:

- Smaller OD, lower profile, takes up less space on reels
- High flexibility, superior flex impulse performance
- Less weight, easier to handle and routing
- Excellent bend radius
- Longer service life





BULK MATERIAL ABRASION HOSE

BULK MATERIAL ABRASION HOSE

Material Handling Hose FDA

Application:

Mandrel built food hose for suction and delivery of high abrasion solid and dry food in granular or powder such as sugar, grain, cereal, corn, etc. Suitable for PVC pallets. with FDA approval.

Tube:

Tan or White FDA approved smooth rubber with high abrasion resistant.

Reinforcement:

High tensile textile plies embedded with helix wire and antistatic wire.

Cover:

Black or tan smooth conductive rubber, resistant to abrasion, weather, and ozone with fabric impression.

Working Pressure:

90 PSI, 6 bar

Nominal Burst Pressure:

270 PSI, 18 bar

Temperature:

-31°F/+180°F (-35°C /+82°C)

Marking:





PART NO.	ID		OD		Vacc.	Weight		Max. L
	Inch	mm	Inch	mm	In. hg	lbs./ft	Kg/m	ft / m
BMFG-150	1½	38	2.06	52.3	26.6	0.75	1.12	200/61
BMFG-200	2	51	2.60	66.0	26.6	0.97	1.44	200/61
BMFG-250	2½	63	3.10	78.7	26.6	1.52	2.26	200/61
BMFG-300	3	76	3.64	92.5	26.6	2.24	3.33	200/61
BMFG-350	3½	90	4.1	104.15	26.6	2.24	3.33	200/61
BMFG-400	4	102	4.67	118.6	23.6	2.48	3.69	200/61
BMFG-500	5	127	5.68	144.3	23.6	3.24	4.82	100/30.5
BMFG-600	6	152	6.70	170.2	23.6	4.24	6.31	100/30.5
BMFG-800	8	203	8.75	222.2	23.6	6.93	10.31	100/30.5





BULK MATERIAL ABRASION HOSE

Cement Discharge Hose

Application:

Mandrel built bulk material delivery hose suitable for abrasive materials such as cement, chalk and abrasive powders with small granulometry. Suitable for silo discharging and on tank trucks. Abrasion loss according to ISO 4649:2017 : 70 mm³.

Tube:

Black smooth rubber, resistant to abrasion.

Reinforcement:

High tensile textile plies.

Cover:

Black, smooth, weather and abrasion resistant rubber. Fabric impression.

Working Pressure:

300 PSI, 20 bar

Nominal Burst Pressure:

900 PSI, 60 bar






Temperature:

-40°F/+158°F (-40°C /+70°C)

Marking:





 PART NO.	 ID		 Wall Thickness		 OD		 Weight		Tube	
	Inch	mm	Inch	mm	Inch	mm	lbs./ft	Kg/m	Inch	mm
MCDH-400-300	4	102	0.37	9.39	4.76	120	2.57	1.72	3/16	4.76



BULK MATERIAL ABRASION HOSE

Grout And Plaster Hose

Application:

Mandrel built delivery hose for plaster, concrete, slurry and abrasive materials with small granulometry. Suitable for plaster sprayers.

Tube:

Black smooth conductive rubber, abrasion resistant.

Reinforcement:

High tensile textile plies.

Cover:

Black, smooth rubber, weather and abrasion resistant. Fabric impression.

Working Pressure:

900 PSI, 60 bar

Nominal Burst Pressure:

1800 PSI, 120 bar






Temperature:

-40°F/+158°F (-40°C /+70°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m
GRH-050-600	1/2	13	0.98	25	0.4	0.60	200/61
GRH-075-600	3/4	19	1.22	31	0.7	1.04	200/61
GRH-100-600	1	25	1.49	38	1.0	1.49	200/61
GRH-125-600	1 1/4	32	1.88	48	1.6	2.38	200/61
GRH-150-600	1 1/2	38	2.12	54	1.8	2.68	200/61
GRH-200-600	2	51	2.63	67	2.5	3.72	200/61
GRH-250-600	2 1/2	63	3.14	80	3.6	5.36	200/61
GRH-300-600	3	76	3.86	98	5.1	7.59	200/61
GRH-400-600	4	102	5.11	130	8.6	12.80	200/61



BULK MATERIAL ABRASION HOSE

Grout And Plaster Hose

Application:

Mandrel built delivery hose for plaster, concrete, slurry, chalk and abrasive materials. Used on concrete machines for construction of tunnels and in public works.

Tube:

Black smooth conductive rubber, abrasion resistant.

Reinforcement:

High tensile textile plies.

Cover:

Black, smooth rubber, weather and abrasion resistant. Fabric impression.

Working Pressure:

1233 PSI, 85 bar

Nominal Burst Pressure:

2466 PSI, 170 bar







Temperature:

-40°F/+158°F (-40°C /+70°C)

Marking:

 PARAGON



 PART NO.	 Inner Diameter		 Outside Diameter		 Weight		 Max. L	 No Wire
	Inch	mm	Inch	mm	lbs./Ft	Kg/m	ft/m	Nr
GRH-100-1233	1	25	1.69	43	0.7	1.04	61/200	4
GRH-125-1233	1 1/4	32	1.87	48	0.9	1.34	61/200	4
GRH-150-1233	1 1/2	38	2.32	59	1.1	1.64	61/200	4
GRH-200-1233	2	51	2.83	72	1.4	2.08	61/200	4
GRH-250-1233	2 1/2	63	3.43	87	2.0	2.98	61/200	6
GRH-300-1233	3	76	3.97	101	2.7	4.02	61/200	6
GRH-400-1233	4	102	5.12	130	3.8	5.65	61/200	6



CHEMICAL HOSE

UHMWPE Chemical S&D Hose





CHEMICAL HOSE

UHMWPE CHEMICAL S&D HOSE

Application:

Chemical suction and delivery hose designed for acids-based liquid, ketones, aldehydes, esters, aromatic and aliphatic hydrocarbons (limited resistance to chlorinated hydrocarbons). Suitable for animal or vegetable food products and alcoholic drinks.

Tube:

UHMWPE, white, smooth, food quality and abrasion resistant. Compliance with FDA standards.

Reinforcement:

Synthetic plies, helix wire embedded and antistatic wire.

Cover:

Special blue or green rubber, abrasion, ozone and weather resistant. Corrugated with fabric finish surface.

Working pressure:

250 PSI, 17 bar

Nominal burst pressure:

1000 PSI, 69 bar

Temperature:

-31°F/+194°F (-35°C /+90°C).



Cleaning at +266°F (130°C) for max. 30 minutes.

Marking:

 PARAGON

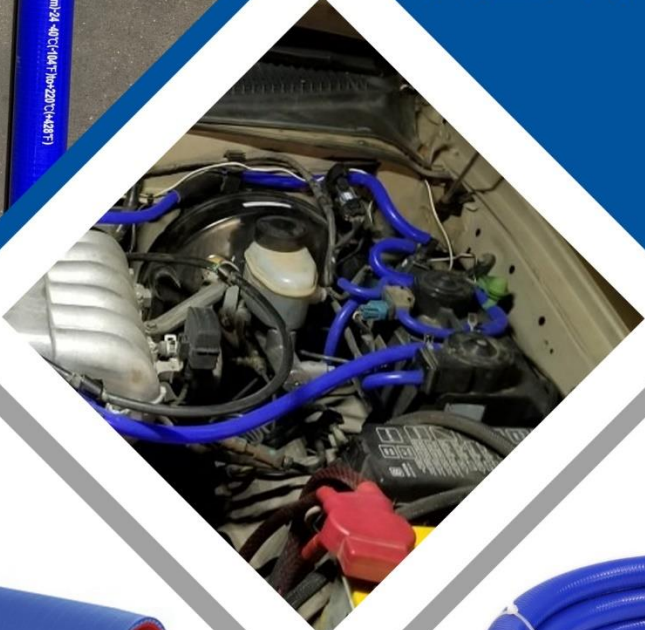
Hose is resistance to a tensile stress of 880 lbs. with a diameter shrink of 3.5%.



 PART NO.	 ID		 Vacc.	 Min. B. R.	 Weight		 Max. L
	Inch	mm	In. Hg	Inch	lbs./ft	Kg/m	ft /m
CUCS-050-B/G	½	13	27	1.58	0.27	0.40	200/61
CUCS-075-B/G	¾	19	27	2.36	0.37	0.55	200/61
CUCS-100-B/G	1	25	27	2.95	0.46	0.68	200/61
CUCS-125-B/G	1¼	32	27	3.78	0.63	0.94	200/61
CUCS-150-B/G	1½	38	27	4.53	0.72	1.07	200/61
CUCS-200-B/G	2	51	27	6.02	0.93	1.39	200/61
CUCS-250-B/G	2½	63	27	7.08	1.39	2.07	100/30.5
CUCS-300-B/G	3	76	24	8.98	1.85	2.75	100/30.5
CUCS-400-B/G	4	102	24	16.14	2.93	4.36	100/30.5
CUCS-600-B/G	6	152	24	29.95	4.43	6.6	100/30.5
CUCS-800-B/G	8	203	24	41.50	6.20	9.2	100/30.5

HEATER & COOLER HOSE

Silicone Heater Hose



HEATER & COOLER HOSE

Silicone Heater Hose

Application:
Heater hose for cars, trucks and buses.

Tube:
Heat resistant silicone, brick red.

Reinforcement:
4 layers, high temperature resistant plies.

Cover:
Blue heat and weather resistant silicone.



Working Pressure:
3:1 Of Burst Pressure

Temperature:
-65°F/+350 (-54°C /+177°C)

Marking:
PARAGON

Feature:
Extruded heavy-duty heater hose that meets or exceeds SAEJ20 and class A specifications. This product is utilized as standard equipment on trucks, cars and buses. Since this silicone hose is extruded it can be offered in long lengths, which saves money by reducing scrap. These hoses are resistant to coolant solutions, cracking, ozone, cold leaks, peeling and aging.

PART NO. Dash size	ID		Wall thickness		Layers	Max W.P.	Min B.P.	Packing	Max. L ft
	Inch	mm	Inch	mm		PSI	PSI		
SHHB-04	1/4	6	0.177	4.5	4	110	330	Coil	100
SHHB-05	5/16	8				110	330		100
SHHB-06	3/8	10				100	300		100
SHHB-08	1/2	13				100	300		100
SHHB-10	5/8	16				100	300		50
SHHB-12	¾	19				90	270		50
SHHB-16	1	25				90	270		50
SHHB-20	1 ¼	32	0.2	5		85	255	Straight Length	8
SHHB-24	1 ½	38				85	255		8
SHHB-28	1 ¾	45				75	225		8
SHHB-32	2	51				65	195		8
SHHB-36	2 ¼	57				55	165		8
SHHB-40	2 ½	63				45	135		8
SHHB-44	2 ¾	70				40	120		8
SHHB-48	3	76				30	30		8
SHHB-52	3 ½	89				25	75		8
SHHB-56	4	102			20	60	8		





HYDRAULIC HOSE

SAE 100R13/DIN EN 856 Hydraulic Hose
Leader Hose Eceed SAE100R16
Super Artery Steel Wire Spiral Hose



HYDRAULIC HOSE

Hydraulic Hose Exceeds SAE100R16

Application:

This hose is designed for hydraulic system and high peak pressures.
Meets flame resistance under MSHA standard.

Tube:

Oil resistant synthetic rubber.

Reinforcement:

Two braids of high tensile steel wire.

Cover:

Black, synthetic rubber resistant to oils, abrasion and ozone.
Smooth cover.


Temperature:

-40°F/+212°F (-40°C /+100°C)

Marking:

 PARAGON



 PART NO.	 ID		 OD		Wire OD mm	 W.P.	 B.P.	 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm		mm	Psi	Psi	Inch	lbs./FT	Kg/m
SLR16-04	1/4	6	0.51	13	11.3	5800	23200	1.96	0.17	0.25	200/61
SLR16-05	5/16	8	0.59	15	13.0	5075	20300	2.17	0.22	0.32	200/61
SLR16-06	3/8	10	0.66	17	15.1	4785	19140	2.56	0.26	0.39	200/61
SLR16-08	1/2	13	0.80	20.5	18.4	4250	17000	3.54	0.35	0.52	200/61
SLR16-10	5/8	16	0.94	24	21.9	3650	14600	3.93	0.47	0.70	200/61
SLR16-12	3/4	19	1.10	28	25.8	3200	12800	4.72	0.59	0.88	164/50
SLR16-16	1	25	1.39	35.5	32.8	2400	9600	5.91	0.78	1.16	164/50

Hydraulic Hose

SAE 100R1AT/DIN EN 853 1SN Hydraulic Hose

Recommended fluid:

Hydraulic system service with petroleum and water-based fluid mineral, vegetable and rape seed oils, poly glycol and glycol base oils.

Tube:

Synthetic rubber oil resistant.

Reinforcement:

One high tensile steel wire braid.

Cover:

Synthetic rubber cover, oil, abrasion and whether resistant.

Temperature:

-40°F/+212°F (-40°C /+100°C)

Marking:

Transparent tape, red and white color printing.



PART NO.	ID		OD		Pressure				Min. B. R.		Weight	Max. L
	DN	Inch	Inch	mm	W.P.		B.P.		Inch	mm	lbs./FT	ft/m
					Bar	PSI	Bar	PSI				
HR1-3	5	3/16"	0.46	11.8	250	3630	1000	14520	3.54	90	0.11	330/100
HR1-4	6	1/4"	0.51	12.9	225	3265	900	13050	4.02	102	0.14	330/100
HR1-5	8	5/16"	0.58	14.7	215	3100	850	12300	4.49	114	0.16	330/100
HR1-6	10	3/8"	0.66	16.7	180	2600	720	10400	5.00	127	0.22	330/100
HR1-8	12	1/2"	0.78	19.9	160	2300	640	9250	7.01	178	0.28	330/100
HR1-10	16	5/8"	0.91	23.2	130	1885	520	7500	7.99	203	0.30	200/61
HR1-12	19	3/4"	1.07	27.1	105	1525	420	6050	9.49	241	0.39	200/61
HR1-16	25	1"	1.38	35.1	88	1275	350	5050	12.01	305	0.59	100/30
HR1-20	32	1 1/4"	1.67	42.5	63	915	250	3600	16.50	419	0.83	100/30
HR1-24	38	1 1/2"	1.97	50.1	50	725	200	2900	20.00	508	1.01	100/30
HR1-32	51	2"	2.52	64.1	40	580	160	2300	25.00	635	1.32	100/30

Hydraulic Hose

SAE 100R2AT3/DIN EN 853 2SN Hydraulic Hose

Recommended fluid:

Hydraulic system service with petroleum and water-based fluid mineral, vegetable and rape seed oils, poly glycol and glycol base oils,

Tube:

Synthetic rubber oil resistant.

Reinforcement:

Two high tensile steel wire braid.

Cover:

Synthetic rubber cover oil, abrasion and whether resistant.

Temperature:

-40°F/+212°F (-40°C /+100°C)

Marking:

Transparent tape, Red and white color printing



PART NO.	ID		OD		Pressure				Min. B. R.		Weight	Max. L
	DN	Inch	Inch	mm	W.P.		B.P.		Inch	mm	lbs./FT	ft/m
					Bar	PSI	Bar	PSI				
HR2-4	6	1/4"	0.56	14.3	400	5800	1600	23200	4.02	102	0.24	330/100
HR2-5	8	5/16"	0.63	16.0	350	5050	1400	20300	4.49	114	0.30	330/100
HR2-6	10	3/8"	0.72	18.4	330	4750	1320	19100	5.00	127	0.36	330/100
HR2-8	12	1/2"	0.84	21.3	275	3950	1100	15950	7.01	178	0.46	330/100
HR2-10	16	5/8"	0.97	24.6	250	3600	1000	14500	7.99	203	0.54	330/100
HR2-12	19	3/4"	1.13	28.7	215	3100	850	12300	9.49	241	0.63	200/61
HR2-16	25	1"	1.46	37.1	165	2350	650	9400	12.01	305	0.91	200/61
HR2-20	32	1 1/4"	1.84	46.7	125	1800	500	7250	16.50	419	1.44	100/30
HR2-24	38	1 1/2"	2.14	54.5	90	1300	360	5200	20.00	508	1.78	100/30
HR2-32	51	2"	2.63	66.7	80	1150	320	4600	25.00	635	2.30	100/30

HYDRAULIC HOSE

Hydraulic Repair Kit

Application:

For use in hydraulic application on pump and rental equipment. 1/2" and 3/8" are 2 wire braided and 3/4" above are Isobaric half bend radius 4 spiral wire.

Tube:

Synthetic rubber.

Cover:

Black, synthetic rubber resistant to oils, abrasion and ozone. Smooth cover.

Temperature:

-40°F/+250°F (-40°C /+121°C)

Safety factor 4:1

Marking:

 PARAGON



 PART NO.	 ID		 Pressure	 Assembly	 Weight	 Length
	Inch	DN	W. P. PSI	Ends	lbs	ft
HR16-06-50-ANV	3/8	10	4700	QD PP ANV	15	50
HR16-08-50-ANV	1/2	12	4200			
HH-6000-12-50-WN	3/4	19	6000	Wing Nut VFF	49	
HH-6000-16-50-WN	1	25	6000		37	
HH-6000-16-50-WN	1 1/4	32	6000		132	



HYDRAULIC HOSE

Isobaric 5K Super Flexible Hydraulic Hose

Features:

Low bending radius; high pressure; long service life.

Tube:

CR/NBR synthetic rubber for hydraulic fluid.

Reinforcement:

Multi spiral high tensile super flexible steel wire, four plies
> 500,000 impulses tested.

Cover:

Skiving-free black narrow cloth texture hose cover
made of anti-aging synthetic rubber.

Working Pressure:

5076 PSI, 350 bar

Nominal Burst Pressure:

20305 PSI, 1400 bar

Temperature:

-40°F/+250°F (-40°C /+121°C)

Marking:

 PARAGON



ISO 18752-CC 5000PSI

PART NO.	ID		WD	OD	Pressure				Min. B. R.		Weight	Max. L
	inch	mm			W.P.		B.P.		Inch	mm		
					Bar	PSI	Bar	PSI				
ISB5K-06	3/8	10	18.7	21.9	350	5076	1400	20305	4	100	0.50	200/61
ISB5K-08	1/2	13	20.7	23.2	350	5076	1400	20305	5.5	140	0.60	200/61
ISB5K-10	5/8	16	24.8	27.6	350	5076	1400	20305	7	180	0.73	200/61
ISB5K-12	3/4	19	28.7	31.4	350	5076	1400	20305	7.8	200	0.96	200/61
ISB5K-16	1	25	35.7	38.6	350	5076	1400	20305	9.8	250	1.40	200/61
ISB5K-20	1 ¼	32	47.7	51.0	350	5076	1400	20305	15.7	400	2.55	200/61
ISB5K-24	1 ½	38	53.3	56.8	350	5076	1400	20305	18.8	480	3.02	200/61
ISB5K-32	2	51	67.3	70.8	350	5076	1400	20305	25.5	650	4.36	200/61

HYDRAULIC HOSE

Isobaric 6K Super Flexible Hydraulic Hose

Features:

Low bending radius; high pressure; long service life.

Tube:

CR/NBR synthetic rubber for hydraulic fluid.

Reinforcement:

Multi spiral high tensile super flexible steel wire, four plies > 500,000 impulses tested.

Cover:

Skiving-free black narrow cloth texture hose cover made of anti-aging synthetic rubber.

Working Pressure:

6091 PSI, 420 bar

Nominal Burst Pressure:

24366 PSI, 1680 bar

Temperature:

-40°F/+250°F (-40°C /+121°C)

Marking:





ISO 18752-CC 6000PSI

PART NO.	ID		WD	OD	Pressure				Min. B. R.		Weight	Max. L
	inch	mm			W.P.		B.P.		Inch	mm		
					Bar	PSI	Bar	PSI				
ISB6K-06	3/8	10	18.7	21.9	420	6091	1680	24366	4	100	0.50	200/61
ISB6K-08	1/2	13	20.7	23.2	420	6091	1680	24366	5.5	140	0.60	200/61
ISB6K-10	5/8	16	24.8	27.6	420	6091	1680	24366	7	180	0.73	200/61
ISB6K-12	3/4	19	28.7	31.4	420	6091	1680	24366	7.8	200	0.96	200/61
ISB6K-16	1	25	35.7	38.6	420	6091	1680	24366	9.8	250	1.40	200/61
ISB6K-20	1 ¼	32	47.7	51.0	420	6091	1680	24366	15.7	400	2.55	200/61
ISB6K-24	1 ½	38	53.3	56.8	420	6091	1680	24366	18.8	480	3.02	200/61
ISB6K-32	2	51	67.3	70.8	420	6091	1680	24366	25.5	650	4.36	200/61

HYDRAULIC HOSE

Isobaric 4K Super Flexible Hydraulic Hose

Features:

Low bending radius; high pressure; long service life

Tube:

CR/NBR synthetic rubber for hydraulic fluid.

Reinforcement:

Multi spiral high tensile super flexible steel wire, four plies > 500,000 impulse cycles.

Cover:

Skiving-free black narrow cloth texture hose cover made of anti-aging synthetic rubber.

Working Pressure:

4061 PSI, 280 bar

Nominal Burst Pressure:

16244 PSI, 1120 bar

Temperature:

-40°F/+250°F (-40°C /+121°C)

Marking:





ISO 18752 4000PSI

PART NO.	ID		WD OD		Pressure				Min. B. R.		Weight	Max. L
	inch	mm	mm	mm	W. P.		B. P.		Inch	mm	Kg / m	ft/m
					Bar	PSI	Bar	PSI				
ISB4K-06	3/8	10	17.8	21	280	4061	1120	16244	3.93	100	0.7	200/61
ISB4K-08	1/2	13	21.5	24.6	280	4061	1120	16244	5.51	140	0.83	200/61
ISB4K-10	5/8	16	25.4	28.2	280	4061	1120	16244	7.08	180	1.12	200/61
ISB4K-12	3/4	19	28.4	31.5	280	4061	1120	16244	7.87	200	1.43	200/61
ISB4K-16	1	25	35.7	39.2	280	4061	1120	16244	9.84	250	1.9	200/61

Hydraulic Hose

SAE 100R13/DIN EN 856 Hydraulic Hose

Application:

This hose is designed for hydraulic system and high peak pressures. Meet flame resistance under MSHA standard.

Tube:

High quality oil resistant synthetic rubber compound.

Reinforcement:

Up to 1" is 4 and from 1 1/4" is 6 spiral high tensile steel wires.

Cover:

Abrasion and weather resistant synthetic rubber.

Working pressure:

5,075 PSI

Nominal burst pressure:

20,300 PSI

Temperature:

-40°F/+212°F.

Marking:

 PARAGON



PART NO.	ID		Hose OD		Pressure				Min. B. R.		Weight	Max. L
	inch	mm	In	mm	W. P.		B. P.		Inch	mm	lbs./Ft	ft/m
					Bar	PSI	Bar	PSI				
HR13-12	3/4"	19	1.3"	33.2	350	5075	1400	20300	9.5	241	1.05	200/61
HR13-16	1"	25	1.56"	39.8	350	5075	1400	20300	11.8	300	1.29	200/61
HR13-20	1 1/4"	32	2.02"	51.3	350	5075	1400	20300	16.5	420	2.55	200/61
HR13-24	1 1/2"	38	2.31"	58.8	350	5075	1400	20300	19.7	500	3.2	200/61
HR13-32	2"	51	2.86"	72.7	350	5075	1400	20300	25.2	640	4.53	200/61

HIGH TEMPERATURE HOSE

R5 HT (SAE100 R5)

Application:

Medium pressure hydraulic lines, fuel oil, antifreeze solution, air and water. Specially designed for high temperature application.

Tube:

Oil resistant synthetic rubber.

Reinforcement:

One high tensile steel braid.

Cover:

Blue braided high tensile blue cord.

Temperature:

-40°F/+300°F (-40°C /+150°C)

Air max T:

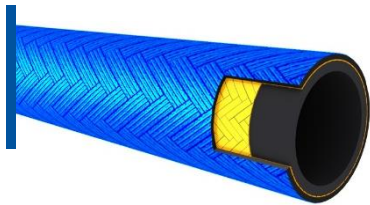
+185°F(+85°C) up to 5/8",
+230°F(+110°C) over 3/4",








Safety factor:

1:4

Marking:

 PARAGON



 PART NO.	 ID		 OD		 pressure		 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	W.P. PSI	B.P. PSI	Inch	lbs./ft	Kg/m	ft/m
BR5-03	3/16	5	0.53	13.50	3000	12000	2.95	0.24	0.355	200/61
BR5-04	1/4	6.3	0.59	15.10	3000	12000	3.35	0.26	0.382	200/61
BR5-05	5/16	8	0.68	17.30	2270	9080	3.94	0.34	0.501	200/61
BR5-07	13/32	10.3	0.78	19.70	2000	8000	4.53	0.40	0.586	200/61
BR5-10	1/2	12.5	0.93	23.50	1760	7000	5.51	0.51	0.752	200/61
BR5-12	5/8	16	1.08	27.40	1530	6000	6.50	0.59	0.871	200/61
BR5-16	7/8	22	1.24	31.40	800	3250	7.28	0.48	0.706	200/61
BR5-20	1 1/8	29	1.48	37.60	625	2500	9.02	0.63	0.924	200/61
BR5-24	1 3/8	35	1.73	44.00	525	2000	10.43	0.71	1.055	200/61
BR5-32	1 13/16	46	2.22	56.40	350	1400	13.19	0.97	1.431	200/61

HIGH TEMPERATURE HOSE

SEA100 R5-J1402 DOT All FM VSS 106

Application:

Medium pressure hydraulic lines, fuel oil, antifreeze solution, air and water.

Tube:

Oil resistant synthetic rubber.

Reinforcement:

One high tensile steel braid.

Cover:

Black braided high tensile textile cord.

Temperature:

-40°F/+212°F (-40°C /+100°C)

Air max T:

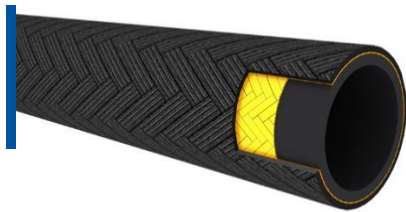
+160°F(+70°C)








Safety factor:

1:4

Marking:

 PARAGON



 PART NO.	 ID		 OD		 pressure		 Min. b. r.	 Weight		 Max. L
	Inch	mm	Inch	mm	W.P. PSI	B.P. PSI	Inch	lbs./ft	Kg/m	ft/m
BKR5-03	3/16	5	0.52	13.20	3000	12000	2.99	0.16	0.230	200/61
BKR5-04	1/4	6.3	0.58	14.80	3000	12000	3.39	0.19	0.270	200/61
BKR5-05	5/16	8	0.68	17.30	2250	9000	4.02	0.24	0.350	200/61
BKR5-07	13/32	10.3	0.77	19.50	2000	8000	4.61	0.28	0.404	200/61
BKR5-10	1/2	12.5	0.92	23.40	1750	7000	5.51	0.38	0.560	200/61
BKR5-12	5/8	16	1.08	27.40	1500	6000	6.50	0.46	0.670	200/61
BKR5-16	7/8	22	1.24	31.40	800	3200	7.36	0.47	0.690	200/61
BKR5-20	1 1/8	29	1.50	38.10	625	2500	9.02	0.58	0.850	200/61
BKR5-24	1 3/8	35	1.75	44.50	525	2000	10.51	0.72	1.060	200/61
BKR5-32	1 13/16	46	2.22	56.40	350	1400	13.27	0.91	1.350	200/61

PETROLEUM HOSE

BOP 3000psi

Application:
 General application where flame resistance is required.
 Hydraulic BOP control line.

Temperature:
 -40°F/+250°F (-40°C /+121°C)

Tube:
 Black oil resistant NBR.

Safety factor:
 1:4

Reinforcement:
 Two high tensile steel wires braided.

Marking:

Cover:
 Thick red synthetic high temperature and flame-resistant rubber.



PART NO.	ID		OD		Pressure		Min. b. r.	Weight		Max. L
	Inch	mm	Inch	mm	W.P. PSI	B.P. PSI		Inch	lbs./ft	
FBOP-06-3000	3/8	10	1"	25.4	3000	12000	2.56	0.54	0.8	200/61
FBOP-08-3000	1/2	13	1.12	28.45	3000	12000	3.54	0.64	0.95	200/61
FBOP-12-3000	3/4	19	1.37	34.8	3000	12000	4.72	1.22	1.8	200/61
FBOP-16-3000	1	25	1.66	42.2	3000	12000	5.9	1.67	2.47	200/61



PETROLEUM HOSE BOP 5000psi

Application:

General application where flame resistance is required.
Hydraulic BOP control line.

Tube:

Oil resistant synthetic rubber.

Reinforcement:

Four high tensile steel wires spiral.

Cover:

Thick red synthetic high temperature and flame-resistant rubber.

Temperature:

-40°F/+250°F (-40°C /+121°C)

Safety factor:

1:4

Marking:

PARAGON



PART NO.	ID		OD		Pressure		Min. b. r.	Weight		Max. L
	Inch	mm	Inch	mm	W.P. PSI	B.P. PSI		Inch	lbs./ft	
FBOP-08-C	1/2	12.7	1.04	26.4	5000	20000	7.09	0.61	0.9	200/61
FBOP-12-C	3/4	19	1.31	33.2	5000	20000	11.02	1.15	1.7	200/61
FBOP-16-C	1	25	1.69	43	5000	20000	13.39	1.49	2.2	200/61
FBOP-24-C	1 1/2	38	2.4	61	5000	20000	18.11	3.31	4.9	100/30.5
FBOP-32-C	2	51	3.0	76.1	5000	20000	23.62	4.8	7.1	100/30.5



Petroleum Wellhead Hose Degasser Hose

Application:

This product is used in degasser application in oil fields.

Tube:

Black, smooth, NR/SBR+UHMWPE rubber compound.

Reinforcement:

Blue neoprene cover with four alternating plies of high tensile carbon steel braid wire for reinforcement.

Cover:

Neoprene rubber. The 3" version of this hose features a black cover with blue lay line.

Working pressure:

2000 PSI

Nominal burst pressure:

8000 PSI

Temperature:

-40°F/+200°F.







Marking:

 PARAGON

Fitting:

4" Male NPT Hose Tail and Ferrule



 PART NO.	 Inner Diameter		 Hose OD		 Min. Bending Radius		 Weight		 Max. L
	Inch	mm	Inch	mm	Inch	mm	Lb/ft	Kg/m	ft /m
DGS-300-2000	3	76	4.2	106.7	30	760	7.1	10.58	100/30.5
DGS-400-2000	4	102	5.2	132	40	1020	8.8	13.07	100/30.5

