



# PETROLEUM HOSE

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





## 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. Flame resistant according TRbF – 131 – Teil 2 - § 5.5.

### Working Pressure:

150 PSI, 10 bar

### Nominal Burst Pressure:

450 PSI, 30 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-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. Flame resistant according to TRbF 131-Teil 2 # 5.5. Fabric impression.

### 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. Flame resistant according TRbF – 131 – Teil 2 - § 5.5.

### 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

### 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:

50 PSI, 3.4 bar

#### Nominal burst pressure:

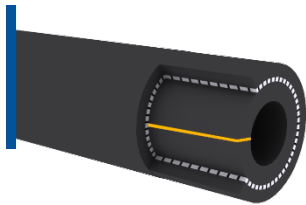
150 PSI, 10 bar

#### 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	Lb/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 has the ability to 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:

600 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

### 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	Lb/ft	Kg/m	ft / m
L TTC-200-150	2	51	2.48	63	24	7	1.18	1.75	100/30.5
L TTC-300-150	3	76	3.50	89	24	10	1.85	2.7	100/30.5
L TTC-400-150	4	102	4.57	116	24	14	2.77	4.1	100/30.5
L TTC-600-150	6	152	6.69	170	24	20	5.16	7.6	50/15.25
L TTC-800-150	8	203	8.86	225	24	26	8.26	12.2	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



**MAGNIFAX** 

Tel: (647) 622-2445

sales@magnifax.ca

www.magnifax.ca



**PETROLEUM HOSE**  
Antistatic Oil & Gas Layflat Hose

**FUELMAN**  
Antistatic 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
	Inch	mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	Lb/Ft	Kg/m	ft
<b>PUFD-150</b>	1½	38	0.07	2.1	5.8	2.8	655	45	0.20	0.30	600
<b>PUFD-200</b>	2	51	0.09	2.2	7.6	3.5	655	45	0.29	0.44	600
<b>PUFD-250</b>	2½	63	0.09	2.3	9.1	4.3	610	42	0.36	0.58	600
<b>PUFD-300</b>	3	76	0.09	2.1	10.7	5.0	610	42	0.47	0.75	600
<b>PUFD-400</b>	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	Lb/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	Lb/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	Lb/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. SF 4:1. 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**  
Antistatic Oil & Gas Layflat Hose

ULTRAMAN  
LAY-FLAT HOSES

**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 life time 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
	Inch	mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	Lb/Ft	Kg/m	ft
UTPH-200	2	51	0.11	2.7	11.9	5.4	940	65	0.35	0.52	650
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
UTPH-800	8	203	0,13	3.2	41.7	18.9	375	26	1.63	2.44	200
UTPH-1000	10	254	0,13	3.3	52.3	23.7	305	21	2.07	3.08	200
UTPH-1200	12	302	0.14	3.5	84.2	38.2	230	16	2.74	4.05	200



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