



WUXI JINHUA YIYUAN TECHNOLOGY CO.,LTD.

PROFESSIONAL HOSE MAKER



INDUSTRIAL HOSE CATALOG



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WUXI JINHUA YIYUAN TECHNOLOGY CO.,LTD.

Wuxi Jinhua Yiyuan Technology Co., Ltd. (Former: Wuxi Jinhua Electrical Controlling Equipment Factory) (Wuxi Jinhua for short) was founded in 1982 and is based in Wuxi, China just outside of Shanghai.

With more than 300 employees and producing over 50 million units annually, we are recognized as a global leader in hose sets and OEM parts for home appliances and other industrials. Our products export to all over the world which earns a good reputation of stable and reliable quality with great service. We provide the best solutions that reinforce our customers' competitive strengths.



Wuxi Jinhua have a global presence from our headquarters in Wuxi, China, with key customers in Asia, Europe, South America, North America, Australia, Middle East, and Africa. Our American subsidiary ( Donrich International Inc.) based in Chicago, IL, provides multifunction from sales, trading, customer services and warehousing.

Assembly in USA will be coming soon.

Wuxi Jinhua continuously improves our quality and management to better satisfy our customers' demands.

Tel:0086-510-85950038 <http://www.wx-jh.com> [sales@wx-jh.com](mailto:sales@wx-jh.com)

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## Push - Lock Hose



ISO19013/  
AS1869

- Inner Tube** → Black RMA-A super oil-resistant and gas-tight NBR synthetic rubber
- Outer Cover** → Oil resistant, aging resistant, wear-resistant, flexible CSM Rubber
- TEMP. Range** → -30°C to +80°C (with clamps up to + 120°C)
- Reinforcement** → Available in various colors, making it easy to identify the media being transported, reducing the risk of cross-contamination
- Option** → Smooth cover/Wrapped cover

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.4	13.0	300	2.0	600	4.0	1200	8.2	1.96	50	0.15
5/16	7.9	15.0	300	2.0	600	4.0	1200	8.2	2.36	60	0.18
3/8	9.5	17.0	300	2.0	600	4.0	1200	8.2	2.75	70	0.23
1/2	12.7	21.0	300	2.0	600	4.0	1200	8.2	4.72	120	0.31
5/8	15.9	24.0	300	2.0	600	4.0	1200	8.2	5.9	150	0.38
3/4	19.0	28.0	300	2.0	600	4.0	1200	8.2	6.69	170	0.50
1	25.4	36.0	300	2.0	600	4.0	1200	8.2	7.87	200	0.74

## Petroleum Hose for Service Station Pumps



EN1360

- Inner Tube** → synthetic rubber resistant to gasoline, diesel, ethanol gasoline
- Outer Cover** → synthetic rubber, wear resistant, ozone resistant, weather resistant
- TEMP. Range** → -30°C to +70°C
- Reinforcement** → high-strength braided zinc plated steel wire
- Option** → Black, Blue, Red and Green etc

I.D.		Outside	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
5/8	15.9	24	232	1.6	348	2.4	696	4.8	7.87	200	0.57
3/4	19	28	232	1.6	348	2.4	696	4.8	9.25	235	0.65
1	25	35.5	232	1.6	348	2.4	696	4.8	11.02	280	0.82

## Marine Fuel Hose (Smooth Surface)



- Inner Tube** Synthetic rubber resists to gasoline, diesel, ethanol gasoline ect
- Outer Cover** Synthetic rubber resists to ozone, aging, weather and fuel
- Color** Black
- Application** The Fuel lines for inboard and outboard engines  
For inboard engines and outboard motors with a permanently mounted fuel tank

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.3	13.0	300	2.0	435	3.0	900	6.0	2.50	65	0.17
5/16	8.0	15.0	300	2.0	435	3.0	900	6.0	2.95	75	0.216
3/8	10.0	17.0	300	2.0	435	3.0	900	6.0	2.95	75	0.24
1/2	12.7	21.0	300	2.0	435	3.0	900	6.0	3.94	100	0.428
5/8	16.0	24.0	300	2.0	435	3.0	900	6.0	4.92	125	0.4
3/4	19.0	28.0	300	2.0	435	3.0	900	6.0	5.90	150	0.6

## Rubber Fuel Hose (Smooth Surface)



- Inner Tube** Synthetic rubber resists to fuel, oil, ethanol gasoline etc
- Outer Cover** Synthetic rubber resists to ozone, aging, weather and fuel
- Color** Black
- Reinforcement** High tensile polyester fiber braided
- Application** For use with gasoline, diesel fuel, lubrication oil, or the vapor present in either the fuel system or in the crankcase of internal combustion engines in automotive

I.D.		Outside	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.0	13	300	2.0	435	3.0	900	6.0	2.50	65	0.17
5/16	8.0	15	300	2.0	435	3.0	900	6.0	2.95	75	0.22
3/8	10.0	17	300	2.0	435	3.0	900	6.0	2.95	75	0.24
1/2	12.7	22	300	2.0	435	3.0	900	6.0	3.94	100	0.42
5/8	16.0	24	300	2.0	435	3.0	900	6.0	4.92	125	0.45
3/4	19.0	29	300	2.0	435	3.0	900	6.0	5.90	150	0.7
1	25.4	36	300	2.0	435	3.0	900	6.0	7.87	200	0.85

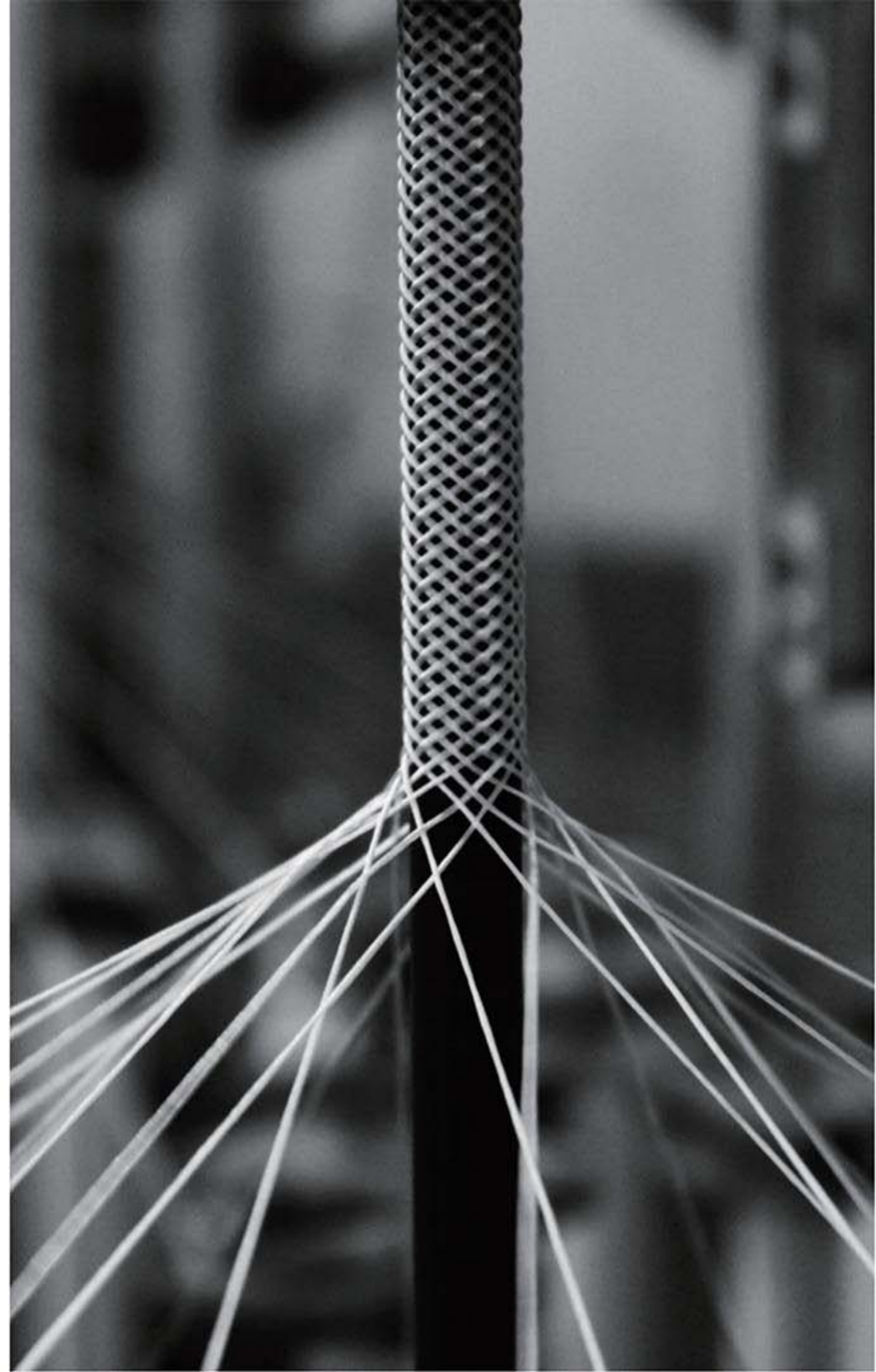
# Fuel Injection Hose



SAE J30R9

- Inner Tube** → Oil, fuel resistant synthetic rubber compound
- Outer Cover** → Suitable oil, ozone and aging resistant synthetic rubber compound
- TEMP. Range** → Continuous Temperature Range -34°C to +135°C
- Reinforcement** → Reinforcement: high-strength braided aramid yarn
- Barrier** → FKM barrier with strong gasoline and permeability resistance

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/8	3.2	9.0	300	2.0	435	3.0	1200	8.0	2.05	30	0.10
5/32	4.0	10.0	300	2.0	435	3.0	1200	8.0	3.10	45	0.13
3/16	5.0	11.0	300	2.0	435	3.0	1200	8.0	3.45	50	0.14
1/4	6.3	12.7	300	2.0	435	3.0	1200	8.0	2.50	65	0.17
5/16	8.0	14.0	300	2.0	435	3.0	1200	8.0	2.95	75	0.22
3/8	9.5	16.0	300	2.0	435	3.0	1200	8.0	2.95	75	0.24
15/32	12.0	19.0	300	2.0	435	3.0	1200	8.0	6.55	95	0.40
1/2	12.7	20.0	300	2.0	435	3.0	1200	8.0	3.94	100	0.42
5/8	16.0	24.0	150	1.0	217	1.5	600	4.0	4.92	125	0.45
3/4	19.0	30.0	150	1.0	217	1.5	600	4.0	5.90	150	0.70
1	25.0	35.0	150	1.0	217	1.5	600	4.0	7.87	200	0.85



# Stainless Steel Braided PTFE Hose



SAE 100 R14

- Inner Tube** → Smooth bore PTFE (The imported F-205 of Japan Daikin PTFE)
- Outer Cover** → Stainless steel 304 or 316 wire braid (SS304 with diameter of 0.2MM and 0.25MM)
- TEMP. Range** → Continunous temperature range: -65°C to +260°C  
Temporary temperature range: -70°C to +300°C
- Feature** → High temperatue hose ,Excellent chemical compatibility ,Resists moisture ,  
Low friction minimizes pressure drops and deposits

I.D.		Thickness of Inner Tuber	O.D. of Inner Tube	O.D. After Braiding	Max W.P.	Min B.P.	Min Bend Radius	Working Time During Continuous TEMP. Range
Inch	mm	mm	mm	mm	Bar	Bar	mm	Hours
1/8	3.2	1	5.2	6.5	320	1080	45	8760
3/16	5.0	0.85	6.7	7.7	256	725	75	8760
1/4	6.5	0.85	8.2	9.3	210	680	81	8760
5/16	8.0	0.85	9.7	11.3	188	620	131	8760
3/8	10.0	0.85	11.7	13.2	185	540	182	7550
1/2	13.0	1	15	16.5	106	360	211	7000
5/8	16.3	1	18.3	19.5	80	250	252	6520
3/4	19.0	1.2	21.4	23.0	78	223	380	5568
7/8	22.5	1.2	24.9	26.2	60	210	421	4520
1	25.4	1.5	28.4	29.5	40	195	485	3568

# Stainless Steel Braided PTFE Hose



Corrugated PTFE

- Inner Tube** → Smooth bore PTFE (The imported F-205 of Japan Daikin PTFE)
- Outer Cover** → Stainless steel 304 or 316 wire braid (SS304 with diameter of 0.2MM and 0.25MM)
- TEMP Range** → Continunous temperature range: -65°C to +260°C  
Temporary temperature range: -70°C to +300°C
- Feature** → High temperatue hose ,Excellent chemical compatibility ,Withstands extreme flexing ,  
Environmentally safe;low effusion,Long life expectancy

I.D.		Thickness of Inner Tuber	O.D. of Inner Tube	O.D. After Braiding	Max W.P.	Min B.P.	Min Bend Radius
Inch	mm	mm	mm	mm	Bar	Bar	mm
1/4	6.5	11.5	0.8	13.1	150	400	20
3/16	8.0	12.3	0.65	13.6	130	365	25
3/8	10.0	14.2	0.65	15.5	125	350	33
1/2	13.0	17.2	0.85	18.9	110	330	42
5/8	16.0	21.6	0.9	23.4	80	245	50
3/4	19.0	25.3	1	27.3	70	215	63
1	25.0	31.0	1	33	50	150	79
1 1/4	32.0	39.0	1.1	41.2	45	140	125
1 1/2	38.0	45.0	1.45	47.9	43	120	145
2	50.0	60.0	1.5	63	35	100	180

## One Wire Pressure Washer Hose Thin Cover



- Inner Tube** Synthetic rubber
- Outer Cover** Non-marking, abrasion and weather resistant synthetic rubber. Smooth or cloth surface available
- TEMP. Range** -40°C to +120°C/-40°F to +250°F
- Reinforcement** One braid of high tensile steel wire
- Option** Blue, Black, Grey, or customized
- Fittings** Quick Coupler, M22x1.5 Metric Fitting, Male NPT x Male NPT Swivel

I.D.		Braid	O.D.	Max W.P.		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	10.6	12.4	4000	27.0	12000	84.0	1.97	50	0.19
5/16	8.1	11.9	14.0	4000	27.0	12000	84.0	2.36	60	0.23
3/8	9.8	14.2	16.3	4000	27.0	12000	84.0	2.56	65	0.29

## Two Wire Pressure Washer Hose Thin Cover



- Inner Tube** Synthetic rubber
- Outer Cover** Non-marking, abrasion and weather resistant synthetic rubber. Smooth or cloth surface available
- TEMP. Range** -40°C to +120°C/-40°F to +250°F
- Reinforcement** Two braids of high tensile steel wire
- Option** Blue, Black, Grey, or customized
- Fittings** Quick Coupler, M22x1.5 Metric Fitting, Male NPT x Male NPT Swivel

I.D.		Braid	O.D.	Max W.P.		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	12.2	14.2	6000	40.0	24000	16.0	1.97	50	0.32
5/16	8.1	13.5	15.7	6000	40.0	24000	16.0	2.16	55	0.38
3/8	9.8	15.7	17.6	6000	40.0	24000	16.0	2.56	65	0.45

## One Wire Braid Hydraulic Hose Meets or Exceeds DIN EN853 1SN, SAE 100R1AT



DIN EN853 1SN / SAE 100R1AT

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C/248°F intermittent)
- Reinforcement** → One braid of high tensile steel wire
- Option** → Smooth or wrapped cover for DN06-DN25, Wrapped cover only for DN31-DN51

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	11.2	13.2	3260	22.5	6520	45.0	13050	90.0	3.94	100	0.22
5/16	8.1	12.8	14.8	3115	21.5	6230	43.0	12470	86.0	4.53	115	0.26
3/8	9.8	15.1	17.1	2610	18.0	5220	36.0	10440	72.0	5.12	130	0.33
1/2	12.8	18.1	20.1	2320	16.0	4640	32.0	9280	64.0	7.09	180	0.41
5/8	16.0	21.3	23.4	1885	13.0	3770	26.0	7540	52.0	7.87	200	0.49
3/4	19.0	25.3	27.3	1520	10.5	3040	21.0	6090	42.0	9.45	240	0.63
1	25.4	32.8	35.0	1275	8.8	2550	17.6	5105	35.2	11.81	300	0.92
1 1/4	31.8	40.0	42.8	915	6.3	1830	12.6	3655	25.2	16.54	420	1.23
1 1/2	38.1	46.8	50.0	725	5.0	1450	10.0	2900	20.0	19.69	500	1.54
2	50.8	59.4	62.6	580	4.0	1160	8.0	2320	16.0	24.80	630	1.91

## Two Wire Braids Hydraulic Hose Meets or Exceeds DIN EN853 2SN, SAE 100R2AT



DIN EN853 2SN / SAE 100R2AT

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C/248°F intermittent)
- Reinforcement** → Two braids of high tensile steel wire
- Option** → Smooth or wrapped cover for DN06-DN25, Wrapped cover only for DN31-DN51

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	12.8	14.8	5800	40.0	11600	80.0	23200	160.0	3.94	100	0.37
5/16	8.1	14.3	16.3	5075	35.0	10150	70.0	20300	140.0	4.53	115	0.42
3/8	9.8	16.7	18.7	4785	33.0	9570	66.0	19140	132.0	5.12	130	0.52
1/2	12.8	19.8	21.8	3990	27.5	7980	55.0	15950	110.0	7.09	180	0.63
5/8	16.0	23.0	25.0	3625	25.0	7250	50.0	14500	100.0	7.87	200	0.75
3/4	19.0	26.9	29.0	3120	21.5	6240	43.0	12470	86.0	9.45	240	0.91
1	25.4	34.8	36.8	2390	16.5	4780	33.0	9570	66.0	11.81	300	1.33
1 1/4	31.8	44.3	47.0	1810	12.5	3620	25.0	7250	50.0	16.54	420	1.96
1 1/2	38.1	50.8	54.0	1305	9.0	2610	18.0	5220	36.0	19.69	500	2.35
2	50.8	62.8	65.4	1160	8.0	2320	16.0	4640	32.0	24.80	630	2.75



## Compact Hydraulic Hose Construction acc. to DIN EN857 1SC



DIN EN857 1SC

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
- Reinforcement** → One braid of high tensile steel wire
- Option** → Smooth cover / Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	10.2	12.2	3265	22.5	6530	45.0	13050	90.0	2.95	75	0.19
5/16	8.1	11.9	14.0	3120	21.5	6240	43.0	12470	86.0	3.35	85	0.23
3/8	9.8	13.7	15.8	2610	18.0	5220	36.0	10440	72.0	3.54	90	0.29
1/2	12.8	17.3	19.5	2320	16.0	4640	32.0	9280	64.0	5.12	130	0.39
5/8	16.0	20.4	22.5	1885	13.0	3770	26.0	7540	52.0	5.91	150	0.48
3/4	19.0	24.5	26.7	1525	10.5	3050	21.0	6090	42.0	7.09	180	0.59
1	25.4	31.8	34.0	1275	8.8	2550	17.6	5105	35.2	9.06	230	0.85

## Compact Hydraulic Hose Construction acc. to DIN EN857 2SC



DIN EN857 2SC

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
- Reinforcement** → Two braids of high tensile steel wire
- Option** → Smooth cover / Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	11.4	13.5	6000	40.0	12000	80.0	24000	160.0	2.95	75	0.29
5/16	8.1	13.4	15.2	5250	35.0	10500	70.0	21000	140.0	3.35	85	0.38
3/8	9.8	15.2	17.8	4950	33.0	9900	66.0	19800	132.0	3.54	90	0.44
1/2	12.8	18.7	20.8	4125	27.5	8250	55.0	16500	110.0	5.12	130	0.52
5/8	16.0	21.8	24.4	3750	25.0	7500	50.0	15000	100.0	6.69	170	0.75
3/4	19.0	26.2	28.4	3225	21.5	6450	43.0	12900	86.0	7.87	200	0.87
1	25.4	33.4	35.8	2475	16.5	4950	33.0	9900	66.0	9.84	250	1.24

## Compact Hydraulic Hose Construction acc. to SAE 100 R16



SAE 100 R16

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C/-40°F to +212°F (max 120°C/248°F intermittent)
- Reinforcement** → Two braids of high tensile steel wire
- Option** → Smooth cover/Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	12.2	14.2	5075	35.0	10150	70.0	20300	140.0	1.97	50	0.32
5/16	8.1	13.5	15.4	4305	29.7	8610	59.4	17220	118.8	2.17	55	0.36
3/8	9.8	15.7	17.6	4060	28.0	8120	56.0	16240	112.0	2.56	65	0.45
1/2	12.8	18.8	20.9	3550	24.5	7100	49.0	14210	98.0	3.54	90	0.55
5/8	16.0	22.4	24.4	2785	19.2	5570	38.4	11135	76.8	3.94	100	0.69
3/4	19.0	26.2	28.4	2275	15.7	4550	31.4	9105	62.8	4.72	120	0.81
1	25.4	33.6	36.2	2030	14.0	4060	28.0	8120	56.0	5.91	150	1.17

## Compact Hydraulic Hose Construction acc. to SAE 100 R17

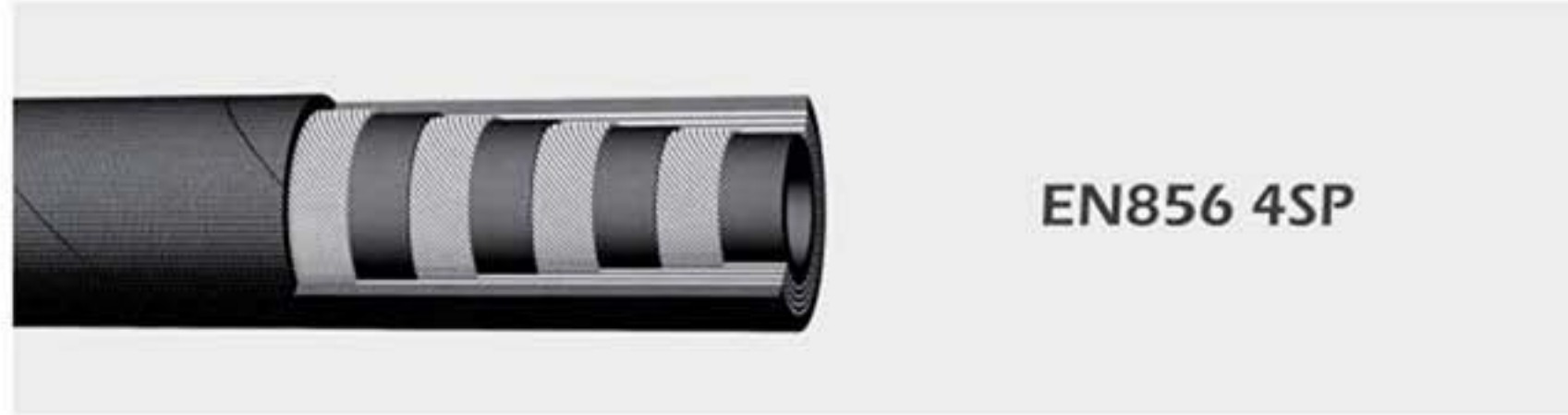


SAE 100 R17

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C/-40°F to +212°F (max 120°C/248°F intermittent)
- Reinforcement** → One braid DN 05 – DN 10 and two braids DN 12 – DN 25 of high tensile steel wire
- Option** → Smooth cover/Wrapped cover

I.D.		Braid	Outside	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/16	5.0	8.8	10.4	3000	21.0	6000	42.0	12000	84.0	1.77	45	0.14
1/4	6.5	10.6	12.3	3000	21.0	6000	42.0	12000	84.0	1.97	50	0.19
5/16	8.1	12.1	14.1	3000	21.0	6000	42.0	12000	84.0	2.17	55	0.23
3/8	9.8	14.2	16.2	3000	21.0	6000	42.0	12000	84.0	2.56	65	0.29
1/2	12.8	18.5	20.4	3000	21.0	6000	42.0	12000	84.0	3.54	90	0.49
5/8	16.0	22.1	24.1	3000	21.0	6000	42.0	12000	84.0	3.94	100	0.67
3/4	19.0	26.3	28.4	3000	21.0	6000	42.0	12000	84.0	4.72	120	0.86
1	25.4	33.1	36.3	3000	21.0	6000	42.0	12000	84.0	5.91	150	1.26

## Four Wire Spiral Hydraulic Hose Meets or Exceeds EN856 4SP

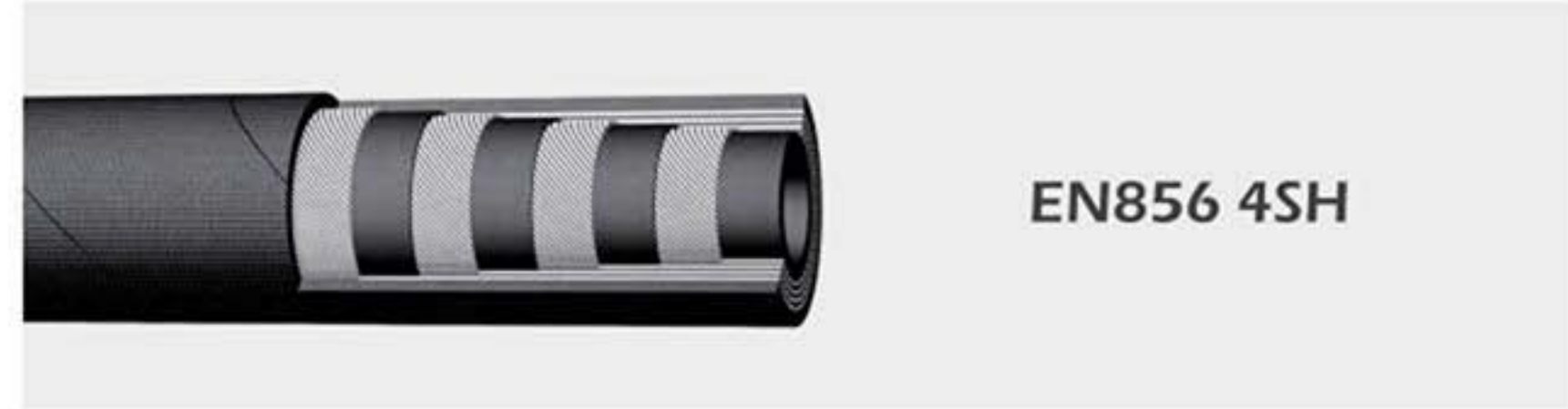


EN856 4SP

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
- Reinforcement** → Four spirals of high tensile steel wire
- Option** → Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	14.7	17.9	6525	45.0	13050	90.0	26100	180.0	5.91	150	0.64
3/8	9.8	17.5	21.4	6450	44.5	12905	89.0	25810	178.0	7.09	180	0.75
1/2	12.8	20.2	24.6	6020	41.5	12035	83.0	24070	166.0	9.06	230	0.89
5/8	16.0	23.4	28.2	5075	35.0	10150	70.0	20300	140.0	9.84	250	1.10
3/4	19.0	28.1	32.0	5075	35.0	10150	70.0	20300	140.0	11.81	300	1.50
1	25.4	35.2	39.0	4060	28.0	8120	56.0	16240	112.0	13.39	340	2.00
1 1/4	31.8	41.9	45.5	3045	21.0	6090	42.0	12180	84.0	18.11	460	3.00
1 1/2	38.1	48.8	53.5	2680	18.5	5365	37.0	10730	74.0	22.05	560	3.40
2	50.8	63.2	67.1	2390	16.5	4785	33.0	9570	66.0	25.98	660	4.35

## Four Wire Spiral Hydraulic Hose Meets or Exceeds EN856 4SH



EN856 4SH

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
- Reinforcement** → Four spirals of high tensile steel wire
- Option** → Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
5/8	16.0	24.2	27.4	6090	42.0	12180	84.0	24360	168.0	9.45	240	1.20
3/4	19.0	28.1	32.0	6090	42.0	12180	84.0	24360	168.0	11.02	280	1.70
1	25.4	35.2	37.5	5510	38.0	11020	76.0	22040	152.0	13.39	340	2.50
1 1/4	31.8	41.9	45.5	5075	35.0	10150	70.0	20300	140.0	18.11	460	3.00
1 1/2	38.1	48.8	53.5	4205	29.0	8410	58.0	16820	116.0	22.05	560	3.60
2	50.8	63.2	67.1	3625	25.0	7250	50.0	14500	100.0	27.56	700	5.00

## Four Wire Spiral Hydraulic Hose Meets or Exceeds SAE 100 R12



- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
- Reinforcement** → Four spirals of high tensile steel wire
- Option** → Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/8	9.5	17.2	20.2	4060	28.0	8120	56.0	16240	112.0	4.92	125	0.70
1/2	12.7	20.2	23.8	4060	28.0	8120	56.0	16240	112.0	7.09	180	0.83
5/8	16.0	24.2	27.4	4060	28.0	8120	56.0	16240	112.0	7.87	200	1.12
3/4	19.0	28.1	30.7	4060	28.0	8120	56.0	16240	112.0	9.45	240	1.43
1	25.4	34.9	38.0	4060	28.0	8120	56.0	16240	112.0	11.81	300	2.00
1 1/4	31.8	44.0	47.0	3045	21.0	6090	42.0	12180	84.0	16.54	420	2.80
1 1/2	38.1	50.4	53.5	2540	17.5	5075	35.0	10150	70.0	19.69	500	3.40
2	50.8	63.6	66.7	2540	17.5	5075	35.0	10150	70.0	25.20	640	4.25

## Four or Six Wire Spiral Hydraulic Hose Meets or Exceeds SAE 100 R13



- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
- Reinforcement** → Four or six spirals of high tensile steel wire
- Option** → Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/4	19.0	29.1	32.0	5075	35.0	10150	70.0	20300	140.0	9.45	240	2.10
1	25.4	35.2	38.7	5075	35.0	10150	70.0	20300	140.0	11.81	300	2.88
1 1/4	31.8	46.3	49.5	5075	35.0	10150	70.0	20300	140.0	16.54	420	4.20
1 1/2	38.1	54.3	57.3	5075	35.0	10150	70.0	20300	140.0	19.69	500	5.00
2	50.8	68.1	72.0	5075	35.0	10150	70.0	20300	140.0	25.20	640	7.00

## Four or Six Wire Spiral Hydraulic Hose Meets or Exceeds SAE 100 R15



SAE100 R15

- Inner Tube** → Oil resistant synthetic rubber
- Outer Cover** → Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
- Reinforcement** → Four or six spirals of high tensile steel wire
- Option** → Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/8	9.5	17.5	21.4	6090	42.0	12180	84.0	24360	168.0	5.91	150	0.80
1/2	12.7	20.2	24.6	6090	42.0	12180	84.0	24360	168.0	7.87	200	0.89
5/8	16.0	24.2	28.2	6090	42.0	12180	84.0	24360	168.0	9.25	235	1.23
3/4	19.0	28.1	32.0	6090	42.0	12180	84.0	24360	168.0	10.40	265	1.50
1	25.4	35.2	37.5	6090	42.0	12180	84.0	24360	168.0	13.00	330	2.90
1 1/4	31.8	47.0	50.5	6090	42.0	12180	84.0	24360	168.0	17.52	445	4.20
1 1/2	38.1	54.0	58.0	6090	42.0	12180	84.0	24360	168.0	20.87	530	5.60



## One Fiber Braid (Nonmetallic), Rubber Covered Hose Meets or Exceeds SAE 100R6



SAE 100 R6

- Inner Tube** → Synthetic rubber
- Outer Cover** → Oil and weather resistant synthetic rubber
- TEMP. Range** → -40°C to +100°C/-40°F to +212°F
- Reinforcement** → One braid of high tensile fiber
- Option** → Smooth cover/Wrapped cover

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/16	5.0	11.1	505	3.4	1010	6.8	2020	13.6	1.97	50	0.12
1/4	6.5	12.6	405	2.8	810	5.6	1620	11.2	2.56	65	0.13
5/16	8.0	14.1	405	2.8	810	5.6	1620	11.2	2.95	75	0.15
3/8	9.8	16.0	405	2.8	810	5.6	1620	11.2	2.95	75	0.19
1/2	12.8	19.0	405	2.8	810	5.6	1620	11.2	3.94	100	0.23
5/8	16.0	23.0	350	2.4	700	4.8	1400	9.6	4.92	125	0.33
3/4	19.0	28.0	300	2.1	600	4.2	1200	8.4	5.91	150	0.47

## Two Fiber Braids (Nonmetallic), Rubber Covered Hose Meets or Exceeds SAE 100R3



SAE 100 R3

- Inner Tube** → Synthetic rubber
- Outer Cover** → Oil and weather resistant synthetic rubber
- TEMP. Range** → -40°C to +100°C/-40°F to +212°F
- Reinforcement** → Two braids of high tensile fiber
- Option** → Smooth or wrapped cover for DN05-DN25, Wrapped cover only for DN32

I.D.		Outside	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/16	5.0	12.7	1520	10.5	3040	21.0	6090	42.0	2.95	75	0.16
1/4	6.5	14.3	1280	8.7	2560	17.4	5105	34.8	2.95	75	0.19
5/16	8.0	17.0	1190	8.4	2380	16.8	4755	33.6	3.94	100	0.25
3/8	9.8	19.0	1145	7.8	2290	15.6	4580	31.2	3.94	100	0.28
1/2	12.8	23.7	1015	7.0	2030	14.0	4060	28.0	4.92	125	0.43
5/8	16.0	27.0	885	6.1	1770	12.2	3540	24.4	5.51	140	0.53
3/4	19.0	31.6	750	5.2	1500	10.4	3015	20.8	5.91	150	0.66
1	25.4	37.6	565	3.9	1130	7.8	2260	15.6	8.07	205	0.78
1 1/4	32.0	44.5	380	2.6	760	5.2	1510	10.4	9.84	250	0.99

## One Fiber Braid (nonmetallic), Rubber Covered Hose Meets or Exceeds EN854 1TE



EN854 1TE

- Inner Tube** → Synthetic rubber
- Outer Cover** → Oil and weather resistant synthetic rubber
- TEMP. Range** → -40°C to +100°C/-40°F to +212°F
- Reinforcement** → One braid of high tensile fiber
- Option** → Smooth cover/Wrapped cover

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/16	5.0	11.1	360	2.5	725	5.0	1450	10.0	1.38	35	0.12
1/4	6.5	12.6	360	2.5	725	5.0	1450	10.0	1.77	45	0.13
5/16	8.1	14.1	290	2.0	580	4.0	1160	8.0	2.56	65	0.15
3/8	9.8	16.0	290	2.0	580	4.0	1160	8.0	2.95	75	0.19
1/2	12.8	19.0	230	1.6	465	3.2	930	6.4	3.54	90	0.23
5/8	16.0	23.0	230	1.6	465	3.2	930	6.4	4.53	115	0.33

## One Fiber Braid (nonmetallic), Rubber Covered Hose Meets or Exceeds EN854 2TE



EN854 2TE

- Inner Tube** → Synthetic rubber
- Outer Cover** → Oil and weather resistant synthetic rubber
- TEMP. Range** → -40°C to +100°C/-40°F to +212°F
- Reinforcement** → One braid of high tensile fiber
- Option** → Smooth cover/Wrapped cover

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/16	5.0	11.8	1160	8.0	2320	16.0	4640	32.0	1.38	35	0.14
1/4	6.5	13.0	1085	7.5	2175	15.0	4350	30.0	1.57	40	0.17
5/16	8.1	14.6	985	6.8	1970	13.6	3945	27.2	1.97	50	0.19
3/8	9.8	16.5	915	6.3	1825	12.6	3655	25.2	2.36	60	0.22
1/2	12.8	19.8	810	5.6	1625	11.2	3250	22.4	2.76	70	0.28
5/8	16.0	23.9	725	5.0	1450	10.0	2900	20.0	3.54	90	0.39
3/4	19.0	26.5	650	4.5	1305	9.0	2610	18.0	4.33	110	0.41
1	25.4	33.8	580	4.0	1160	8.0	2320	16.0	5.91	150	0.65

## Two Fiber Braids (nonmetallic), Rubber Covered Hose Meets or Exceeds EN854 3TE



EN854 3TE

- Inner Tube** Synthetic rubber
- Outer Cover** Oil and weather resistant synthetic rubber
- TEMP. Range** -40°C to +100°C/-40°F to +212°F
- Reinforcement** Two braids of high tensile fiber
- Option** Smooth cover/Wrapped cover

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/16	5.0	12.7	2320	16.0	4640	32.0	9280	64.0	1.57	40	0.17
1/4	6.5	14.3	2100	14.5	4205	29.0	8410	58.0	1.77	45	0.21
5/16	8.0	17.0	1885	13.0	3770	26.0	7540	52.0	2.17	55	0.28
3/8	9.8	18.5	1595	11.0	3190	22.0	6380	44.0	2.76	70	0.30
1/2	12.8	22.1	1350	9.3	2700	18.6	5394	37.2	3.35	85	0.37
5/8	16.0	25.9	1160	8.0	2320	16.0	4640	32.0	4.13	105	0.49
3/4	19.0	29.4	1015	7.0	2030	14.0	4060	28.0	5.12	130	0.54
1	25.4	36.2	800	5.5	1595	11.0	3190	22.0	5.91	150	0.72
1 1/4	32.0	43.2	655	4.5	1305	9.0	2610	18.0	7.48	190	0.88
1 1/2	38.1	50.0	580	4.0	1160	8.0	2320	16.0	9.45	240	1.13
2	51.0	63.2	480	3.3	960	6.6	1915	13.2	11.81	300	1.61

## Jacks, Hydraulic Special Steel Wire Braided Rubber Hose



JACK HOSE

- Inner Tube** Oil resistant synthetic rubber
- Outer Cover** Abrasion and ozone resistant synthetic rubber. Note: various covers available
- TEMP. Range** -40°C to +100°C/-40°F to +212°F (max 120°C/248°F intermittent)
- Reinforcement** Two braids of high tensile steel wire
- Option** Smooth cover/Wrapped cover

I.D.		Braid	O.D.	Max W.P.		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/4	6.5	12.8	14.8	10000	69.0	25000	172.0	3.94	100	0.37
3/8	9.8	16.7	18.7	10000	69.0	20000	138.0	5.12	130	0.52



## One Wire Polyester Braid Reinforced Thermoplastic Hydraulic Hose SAE 100R7 / EN855 R7



SAE 100R7 / EN855 R7

- Inner Tube** → Seamless oil resistant thermoplastic
- Outer Cover** → Oil and weather resistant thermoplastic
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F
- Reinforcement** → One braid of high tensile fiber
- Option** → Smooth cover

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
1/8	3.3	8.5	3045	21.0	6090	42.0	12180	84.0	0.98	25	0.037
3/16	4.8	10.8	3045	21.0	6090	42.0	12180	84.0	3.54	90	0.073
1/4	6.4	13.0	2780	19.2	5580	38.5	11165	77.0	3.94	100	0.090
5/16	7.9	15.1	2535	17.5	5075	35.0	10150	70.0	4.53	115	0.128
3/8	9.5	17.0	2275	15.7	4565	31.5	9135	63.0	4.92	125	0.155
1/2	12.7	20.7	2030	14.0	4060	28.0	8120	56.0	7.09	180	0.224
5/8	16.0	24.0	1520	10.5	3045	21.0	6090	42.0	8.07	205	0.277
3/4	19.0	27.1	1260	8.7	2535	17.5	5075	35.0	9.45	240	0.330
1	25.4	32.0	1015	7.0	2030	14.0	4060	28.0	11.80	300	0.403

## Two Wire Polyester Braids Reinforced Thermoplastic Hydraulic Hose SAE 100R8 / EN855 R8



SAE 100R8 / EN855 R8

- Inner Tube** → Seamless oil resistant thermoplastic
- Outer Cover** → Oil and weather resistant thermoplastic
- TEMP. Range** → -40°C to +100°C / -40°F to +212°F
- Reinforcement** → Two braids of high tensile fiber
- Option** → Smooth cover

I.D.		O.D.	Max W.P.		Test Pressure		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	psi	Mpa	psi	Mpa	psi	Mpa	Inch	mm	kg/m
3/16	4.8	13.1	5075	35.0	10150	70.0	20300	140.0	3.54	90	0.086
1/4	6.4	15.9	5075	35.0	10150	70.0	20300	140.0	3.94	100	0.097
3/8	9.5	19.0	4060	28.0	8120	56.0	16240	112.0	4.92	125	0.178
1/2	12.7	22.7	3550	24.5	7105	49.0	14210	98.0	7.09	180	0.216
5/8	16.0	25.0	2780	19.2	5580	38.5	11165	77.0	8.07	205	0.312
3/4	19.0	29.0	2275	15.7	4565	31.5	9135	63.0	9.45	240	0.360
1	25.4	34.0	2030	14.0	4060	28.0	8120	56.0	11.80	300	0.505

# Air Conditioning Hose



## Product Description

- **Inner Tube:** EPDM / CSM / IIR
- **Barrier:** PA / Nylon
- **Friction:** EPDM / CSM / IIR
- **Reinforcement:** PET / PVA (Braiding)
- **Outer Cover:** EPDM / Smooth or Cloth
- **Application:** For A/C System of Buses & Trucks, Conveying R134a, R12, R404a
- **TEMP. Range:** -40°C ~ +135°C (-40°F ~ +275°F)
- **Standard:** SAE J2064 Type E
- **Color:** Black

## Product Parameter

I.D.		O.D.	Thickness	Max W.P.		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	MPa	psi	bar	Inch	mm	kg/m/year
5/16	8.2±0.2	19.0±0.3	0.4	500	3.5	3000	21	2.17	55	1.6
13/32	10.5±0.2	23.0±0.3	0.4	500	3.5	3000	21	2.56	65	1.6
1/2B	13.0±0.2	23.0±0.3	0.4	500	3.5	3200	22	2.76	70	1.6
1/2A	13.0±0.2	25.4±0.3	0.4	500	3.5	3200	22	2.95	75	1.6
5/8	16.0±0.2	28.6±0.5	0.4	200	1.5	2600	18	3.35	85	1.6
3/4	19.0±0.4	28.6±0.5	0.4	200	1.5	1700	12	3.94	100	1.6
9/8	28.0±0.4	40.0±0.5	0.4	200	1.5	1700	12	5.91	150	1.6
5/16	8.2±0.2	15.2±0.3	0.4	200	3.5	3300	28	2.17	55	1.6
13/32	10.2±0.2	17.2±0.3	0.4	500	3.5	3300	23	2.56	65	1.6
13/32	11.4±0.2	18.4±0.3	0.4	500	3.5	3200	22	2.76	70	1.6
1/2	13.0±0.2	21.0±0.3	0.4	500	3.5	2900	20	2.95	75	1.6
5/8	15.2±0.2	23.0±0.3	0.4	500	3.5	2600	18	3.35	85	1.6
3/4	18.2±0.2	27.5±0.5	0.4	200	1.5	1700	12	3.94	100	1.6

# Refrigerator Truck Hose



## Product Description

- **Barrier:** PA / Nylon
- **Friction:** EPDM / CSM / IIR
- **Reinforcement:** PET / PVA (Braiding)
- **Outer Cover:** EPDM / Cloth
- **Application:** For Refrigerated Truck, Conveying R404a
- **TEMP. Range:** -25°C ~ +80°C (-25°F ~ +170°F)
- **Standard:** SAE J2064 / SAE J3062 / QC / T664
- **Color:** Black

## Product Parameter

I.D.		O.D.	Thickness	Max W.P.		Min B.P.		Min Bend Radius		Weight
Inch	mm	mm	mm	psi	MPa	psi	bar	Inch	mm	kg/m/year
5/16	8.2±0.3	14.7±0.4	3.5	5	0.4	35	725	5000	60	1.6
13/32	10.5±0.4	17.3±0.5	4	5	0.4	30	725	4300	70	1.6
1/2	13.0±0.4	19.4±0.5	4	5	0.4	28	725	4000	75	1.6
5/8	15.2±0.4	23.6±0.5	4	5	0.4	28	725	4000	85	1.6
3/4	18.2±0.5	27.5±0.5	5	5	0.5	25	725	3600	100	1.6










# Refrigerant Charging Hose



## Product Description

- **Inner Tube:** High Nitrile-Butadiene Rubber (NBR)
- **Reinforcement:** Polyester Fiber Spiral Line
- **Cover:** NBR & PVC Blends
- **Temperature:** -30°C~ +100°C
- **Color:** Red, Yellow, Blue, Black
- **Application:** Mainly used for conveying refrigerant such R12, R22, R1234yf, R410a and R134a; applied widely to auto refrigerant, air conditioning, industrial refrigerant etc; both the inner rubber layer and protective layer are of high level oil resistance of grade RMA-A.
- **Option Colors:** Red, Yellow, Blue, Black
- **Fittings:** Customizable

## Product Parameter

Part Number	 I.D.	 O.D.	 Max W.P.	 Min B.P.	 Length	 Measurement	 Weight
No.	mm	mm	psi	psi	m/roll	cbm/roll	kg/m
PRC-1	5	11	500	2500	100	0.02	0.11
PRC-2	5	11	600	3000	100	0.02	0.11
PRC-3	5	11	800	4000	100	0.02	0.12



# Air Hose



## Product Description

- **Inner Tube:** Synthetic Rubber
- **Reinforcement:** High Tensile Polyester (1B)
- **Outer Cover:** Synthetic Rubber of Weather & Aging Resistant
- **Application:** Suitable for transporting industrial compressed air for mining and construction projects. It is also suitable for water transportation in industry, construction and agriculture
- **TEMP. Range :** -30°C ~ +70°C (-22°F ~ +158°F)
- **Standard:** ISO2398
- **Option Colors:** Black, Red, Green, Blue, Grey (Customizable)

## Product Parameter

Part Number	ID.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight
	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	
PAH-05	3/16	4.8	0.45	11.5	300	20	900	60	4.53	115	0.15
PAH-06	1/4	6.3	0.51	13.0	300	20	900	60	5.12	130	0.17
PAH-08	5/16	8.0	0.59	15.0	300	20	900	60	5.91	150	0.22
PAH-10	3/8	10.0	0.67	17.0	300	20	900	60	6.69	170	0.26
PAH-13	1/2	12.7	0.83	21.0	300	20	900	60	8.27	210	0.40
PAH-16	5/8	16.0	0.94	24.0	300	20	900	60	9.45	240	0.47
PAH-19	3/4	19.0	1.14	29.0	300	20	900	60	11.42	290	0.60
PAH-25	1	25.4	1.40	35.5	300	20	900	60	13.98	355	0.78
PAH-32	1-1/4	32	1.65	42.0	150	10	450	30	16.54	420	1.40
PAH-35	1-3/8	35	1.77	45.0	150	10	450	30	17.72	450	1.47
PAH-38	1-1/2	38	1.89	48.0	150	10	450	30	18.90	480	1.50
PAH-40	1-5/8	40	1.97	50.0	150	10	450	30	19.69	500	1.55
PAH-42	1-2/3	42	2.05	52.0	150	10	450	30	20.47	520	1.80
PAH-45	1-3/4	45	2.17	55.0	150	10	450	30	21.65	550	1.95
PAH-51	2	51	2.42	61.4	150	10	450	30	24.17	614	2.25

# Rubber Insulated Hose



## Product Description

- **Inner Tube:** Non-Conductive Synthetic EPDM Rubber
- **Reinforcement:** High Tensile Polyester, 1B for Less Than 1", 2B for Above 2"
- **Outer Cover:** Non-Conductive Synthetic EPDM Rubber
- **Application:** Suitable for use with high voltage resistance, it can transport hot water, hot air, or other inert gases. Widely used in the metallurgical industry, thermal induction furnace equipment.
- **TEMP. Range:** -30°C ~ +100°C (-22°F ~ + 210°F)
- **Standard:** BS EN ISO6134
- **Characteristics:** High Insulation, Aging Resistance, Heat Resistance, Ozone Resistance & High Flexible
- **Option Colors:** Black, Red, Green (Customizable)

## Product Parameter

Part Number	ID.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight
	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	
PIH-13	1/2	12.7	0.83	21.0	300	20	900	60	6.61	168	0.38
PIH-16	5/8	16.0	0.94	24.0	300	20	900	60	7.56	192	0.51
PIH-19	3/4	19.0	1.14	29.0	300	20	900	60	9.13	232	0.65
PIH-25	1	25.4	1.40	35.5	300	20	900	60	11.18	284	0.90
PIH-32	1-1/4	31.8	1.77	45.0	150	10	435	30	14.17	360	1.38
PIH-38	1-1/2	38.1	2.05	52.0	150	10	435	30	16.38	416	1.70
PIH-50	2	50.8	2.56	65.0	150	10	435	30	20.47	520	2.20



# Multi-Purpose Hose



## Product Description

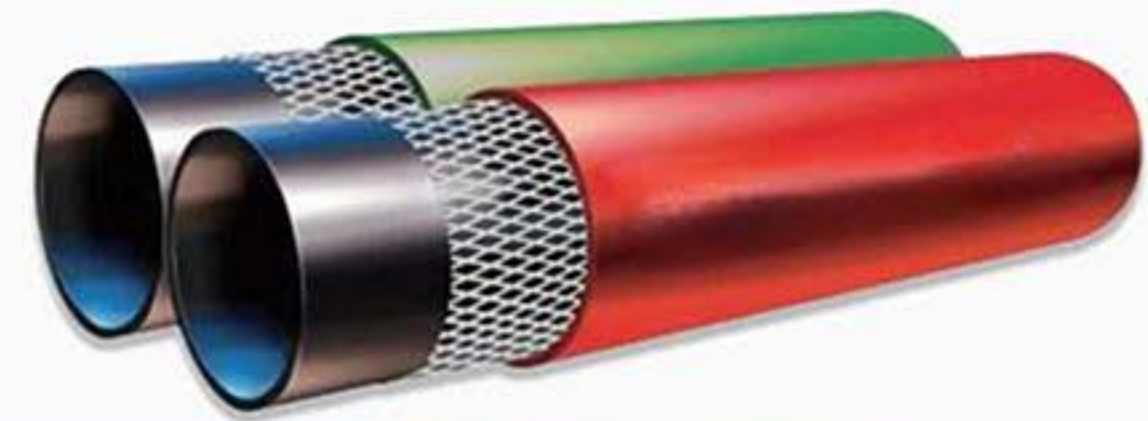
- **Inner Tube:** Black Nitrile RMA Class A
- **Reinforcement:** High Tensile Synthetic Textile
- **Outer Cover:** Red Nitrile RMA Class A
- **Application:** For the transfer of air, water, light oils and chemicals. The black nitrile tube is non-conductive, minimum electrical resistance greater than 1 megohm per inch of length of hose at 1000 volts DC.
- **TEMP. Range:** -30°C ~ +100°C (-20°F ~ + 210°F)
- **Option Colors:** Red, Green, Blue, Black (Customizable)

## Product Parameter

Part Number	I.D.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight
	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	
PMPH-05	3/16	4.8	0.45	11.5	300	20	900	60	4.53	115	0.14
PMPH-06	1/4	6.3	0.51	13.0	300	20	900	60	5.12	130	0.16
PMPH-08	5/16	8.0	0.59	15.0	300	20	900	60	5.91	150	0.20
PMPH-10	3/8	10.0	0.67	17.0	300	20	900	60	6.69	170	0.23
PMPH-13	1/2	12.7	0.83	21.0	300	20	900	60	8.27	210	0.43
PMPH-16	5/8	16.0	0.94	24.0	300	20	900	60	9.45	240	0.45
PMPH-19	3/4	19.0	1.14	29.0	300	20	900	60	11.42	290	0.58
PMPH-25	1	25.4	1.40	35.5	300	20	900	60	13.98	355	0.73
PMPH-32	1-1/4	32.0	1.65	42.0	150	10	450	30	16.54	420	1.4
PMPH-35	1-3/8	35.0	1.77	45.0	150	10	450	30	17.72	450	1.47
PMPH-38	1-1/2	38.0	1.89	48.0	150	10	450	30	18.90	480	1.5
PMPH-40	1-5/8	40.0	1.97	50.0	150	10	450	30	19.69	500	1.55
PMPH-42	1-2/3	42.0	2.05	52.0	150	10	450	30	20.47	520	1.80
PMPH-45	1-3/4	45.0	2.17	55.0	150	10	450	30	21.65	550	1.95
PMPH-51	2	51.0	2.42	61.4	150	10	450	30	24.17	614	2.25



# Welding Twin Hose



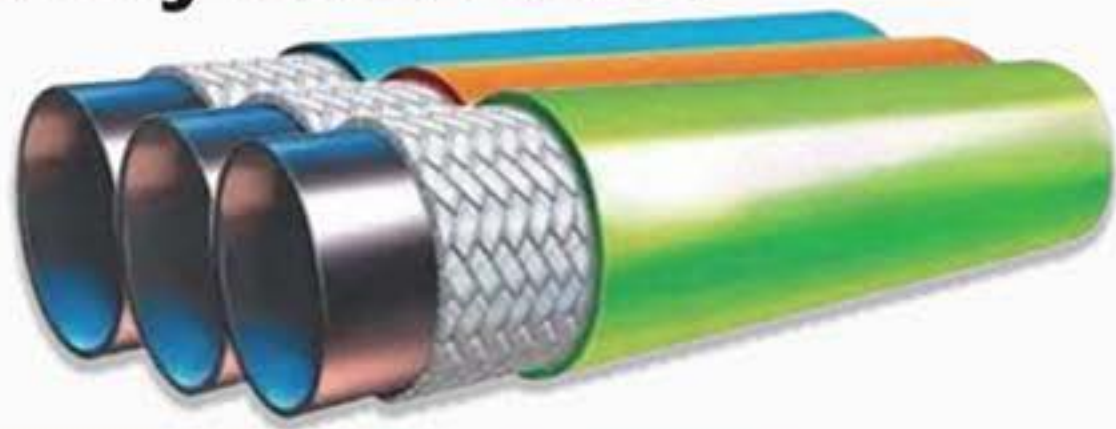
## Product Description

- **Inner Tube:** Black Superior SBR Synthetic Rubber
- **Reinforcement:** High Tensile Synthetic Textile
- **Outer Cover:** Anti-Aging EPDM Synthetic Rubber Compound
- **Application:** Green/Blue line- a flexible hose for transporting oxygen for welding and cutting, for arc welding using shielding gas and related processes. Red line- a flexible hose for transporting acetylene for welding and cutting, for arc welding using shielding gas and related processes. Also suitable for hydrogen, coal gas and carbon.
- **TEMP. Range:** -30°C ~ +80°C (-20°F ~ + 210°F)
- **Standard:** ISO3821-2019 / RMA IP-7
- **Fittings:** Customizable
- **Option Color:** Red/Green, Red/Blue, Blue/Orange (Customizable)

## Product Parameter

Part Number	I.D.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight
	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	
PWTH-05	3/16	4.8	0.45	11.5	300	20	900	60	4.53	115	0.28
PWTH-06	1/4	6.3	0.51	13.0	300	20	900	60	5.12	130	0.34
PWTH-07	5/16	8.0	0.59	15.0	300	20	900	60	5.91	150	0.42
PWTH-08	3/8	10.0	0.67	17.0	300	20	900	60	6.69	170	0.47

# Oxygen / Acetylene Hose



## Product Description

- **Inner Tube:** Black Superior SBR Synthetic Rubber
- **Reinforcement:** High Tensile Synthetic Textile
- **Outer Cover:** Anti-Aging EPDM Synthetic Rubber Compound
- **Application:** Green/Blue line- a flexible hose for transporting oxygen for welding and cutting, for arc welding using shielding gas and related processes.  
Red line- a flexible hose for transporting acetylene for welding and cutting, for arc welding using shielding gas and related processes.
- **TEMP. Range:** -30°C ~ +80°C (-20°F ~ + 210°F)
- **Standard:** ISO3821-2019 / RMA IP-7
- **Fittings:** Customizable
- **Option Color:** Red, Blue, Green, Orange, Black (Customizable)

## Product Parameter

Part Number	I.D.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight	
	No.	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	kg/m
PSWH-05		3/16	4.8	0.45	11.5	300	20	900	60	4.53	115	0.28
PSWH-06		1/4	6.3	0.51	13.0	300	20	900	60	5.12	130	0.34
PSWH-08		5/16	8.0	0.59	15.0	300	20	900	60	5.91	150	0.42
PSWH-10		3/8	10.0	0.67	17.0	300	20	900	60	6.69	170	0.47
PSWH-13		1/2	12.7	0.83	21.0	300	20	900	60	8.27	210	0.40

# Rubber Gas Hose



## Product Description

- **Inner tube:** NBR Synthetic Rubber
- **Reinforcement:** High Tensile Polyester Fiber Braided
- **Cover:** EPDM Synthetic Rubber
- **Temperature:** -30°C to +80°C
- **Color:** Orange or Black Etc
- **Application:** Mainly used for gas stove, circulation of liquefied fuel gas or gaseous fuel, LPG
- **Standard:** ISO3821, EN16436, BS3212
- **Option Color:** Orange, Black Etc

## Product Parameter

Part Number	I.D.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight	
	No.	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	kg/m
PGH-05		3/16	5	0.47	12	300	20	900	60	3.78	96	0.15
PGH-06		1/4	6	0.51	13	300	20	900	60	4.09	104	0.17
PGH-07		5/16	8	0.59	15	300	20	900	60	4.72	120	0.216
PGH-08		3/8	10	0.67	17	300	20	900	60	5.35	136	0.24

# Dry Ice Hose



## Product Description

- **Inner Tube:** Antistatic, Special Rubber With Abrasion Low Temp. Resistant
- **Reinforcement:** High Tensile Synthetic Textile
- **Outer Cover:** Antistatic, Special Rubber With Abrasion, Aging, Low Temp. Resistance
- **Application:** Conveying dry ice for spraying, cleaning, and deburring. Low temperature resistance -60 degrees Celsius, wear-resistant, high insulation, and good flexibility under low temperature conditions. Used for high-speed spray cleaning of low-temperature nitrogen dioxide crystalline dry ice particles, environmentally friendly, pollution-free, and safe. It is also used for transporting inert gases in high latitude and cold regions.
- **TEMP. Range :** -60°C ~ +90°C (-80°F ~ +200°F)
- **Option Colors:** Black, Grey (Customizable)

## Product Parameter

Part Number	I.D.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight
	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	
PDI-06	1/4	6.3	0.55	14.0	300	20	900	60	5.51	140	0.17
PDI-08	5/16	8.0	0.63	16.0	300	20	900	60	6.30	160	0.22
PDI-10	3/8	9.5	0.75	19.0	300	20	900	60	7.48	190	0.27
PDI-13	1/2	12.7	0.94	24.0	300	20	900	60	9.45	240	0.40
PDI-16	5/8	15.9	1.10	28.0	300	20	900	60	11.02	280	0.46
PDI-19	3/4	19.0	1.22	31.0	300	20	900	60	12.20	310	0.52
PDI-25	1	25.4	1.50	38.0	300	20	900	60	14.96	380	0.69

# Jackhammer Hose



## Product Description

- **Inner Tube:** Black Superior SBR Synthetic Rubber
- **Reinforcement:** High Tensile Synthetic Textile
- **Outer Cover:** Anti-aging EPDM Synthetic Rubber Compound
- **Application:** Ideal for jackhammers and other industrial tools. Mandrel-built, multi-ply, wrapped cover construction ensures long-lasting performance in demanding construction applications.
- **Couplings:** Steel Crimp Male Universal x Male Universal for Durable, Safe and Secure Connection
- **TEMP. Range:** -30°C ~ +80°C (-20°F ~ +176°F)
- **Option Color:** Red, Yellow (Customizable)

## Product Parameter

Part Number	I.D.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight
	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	
PJH-1950	3/4	19.0	1.14	29.0	300	20	900	60	9.13	232	50
PJH-19100	3/4	19.0	1.14	29.0	300	20	900	60	9.13	232	100
PJH-2550	1	25.4	1.38	35.0	300	20	900	60	11.02	280	50
PJH-25100	1	25.4	1.38	35.0	300	20	900	60	11.02	280	100

# Flame Retardant Breathing Hose



## Product Description

- **Inner tube:** Flame Retardant EPDM Rubber
- **Reinforcement:** High-Strength Synthetic Fiber Braided Layer
- **Outer Cover:** Flame Retardant, Wear-Resistant, Anti-Aging EPDM Rubber
- **Grade:** UL94 V-0
- **Temperature:** -40°C ~ +120 °C
- **Application:** For conveying oxygen and supporting in firefighting, chemical and other special industrial applications, and safe oxygen for human body.
- **Characteristics:** Flame Retardant, Anti-Aging, Purity, No Irritating Odor
- **Option Colors:** Glossy, Black or Customized

## Product Parameter

Part Number	I.D.		O.D.		Max W.P.		Min B.P.		Min Bend Radius		Weight
	Inch	mm	Inch	mm	psi	bar	psi	bar	Inch	mm	kg/m
PFR-05	3/16	5	0.43	11	300	20	900	60	1.57	40	0.12
PFR-06	1/4	6.3	0.51	13	300	20	900	60	1.97	50	0.15
PFR-08	5/16	8	0.59	15	300	20	900	60	2.36	60	0.20
PFR-10	3/8	9.5	0.67	17	300	20	900	60	2.76	70	0.23

# Food Washing Hose



## Product Description

- **Inner tube:** The Inner White Tube is Comprised of FDA-Compliant Materials
- **Reinforcement:** Two Layers of High Tensile Polyester Fiber Braided
- **Cover:** NBR Synthetic Rubber, High Oil Resistance of Grade RMA-A With Product Protection
- **Temperature:** -30°C ~ +100°C
- **Color:** Blue
- **Applications:** suitable for conveying hot water for washing in food processing plants, dairy workshops, packaging workshops, bottling, breweries, canning and cheese plants
- **Standards:** FDA 21,CFR 177.2600

## Product Parameter

Part Number	I.D.		O.D.		Max W.P.	Min B.P.	Min Bend Radius	Weight	Coil Length
	Inch	mm	Inch	mm	bar	bar	mm	kg/m	m/roll
PFW-10	3/8	19.5	0.69	17.5	20	80	60	0.3	100
PFW-13	1/2	12.7	0.90	22.8	20	80	70	0.45	50
PFW-16	5/8	15.8	1.06	26.9	20	80	90	0.62	50
PFW-19	3/4	19.1	1.19	30.2	20	80	105	0.65	40
PFW-25	1	25.4	1.50	38.1	20	80	130	0.95	40