

# AQUAFLEX<sup>TM</sup>

Hose Expert



ISO 9001:2008

HYDRAULIC HOSE

LPG HOSE

RUBBER HOSE

PVC HOSE



## HYDRAULIC HOSE

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# AQUAFLEX

## EN853-1SN/2SN

### Smooth/Wrapped Cover



#### EN853-1SN

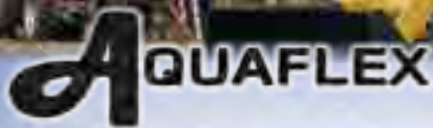
OUTER COVER	SIZE	HOSE ID (mm)	HOSE OD (mm)	WIRE OD (mm)	MAX. WORK PRESSURE BAR	MIN. BURST PRESSURE BAR	MIN. BEND RADIUS (mm)	APROX. WT (Kg/m)
SMOOTH / WRAPPED	1/4"	6.4	13.4	10.9	225	900	90	0.24
	5/16"	7.9	15.0	12.9	215	860	100	0.29
	3/8"	9.5	17.4	14.9	180	720	130	0.35
	1/2"	12.7	20.6	17.9	160	640	180	0.46
	5/8"	15.9	23.7	21.3	130	520	200	0.55
	3/4"	19.0	27.7	25.1	105	420	240	0.68
	1"	25.4	35.6	ON TESTING	88	352	300	0.85
WRAPPED	1 1/4"	31.8	43.5	ON TESTING	65	260	420	0.99
	1 1/2"	38.1	50.6	ON TESTING	50	200	500	1.39
	2"	50.8	64.0	ON TESTING	40	160	630	2.25



#### EN853-2SN

OUTER COVER	SIZE	HOSE ID (mm)	HOSE OD (mm)	WIRE OD (mm)	MAX. WORK PRESSURE BAR	MIN. BURST PRESSURE BAR	MIN. BEND RADIUS (mm)	APROX. WT (Kg/m)
SMOOTH / WRAPPED	1/4"	6.4	15.0	12.9	400	1600	100	0.36
	5/16"	7.9	16.6	14.7	350	1400	115	0.45
	3/8"	9.5	19.0	16.9	345	1380	130	0.48
	1/2"	12.7	22.2	19.8	295	1180	180	0.68
	5/8"	15.9	25.4	23.1	250	1000	200	0.75
	3/4"	19.0	29.3	27.2	215	860	240	0.96
	1"	25.4	38.1	ON TESTING	175	700	300	1.42
WRAPPED	1 1/4"	31.8	48.3	ON TESTING	155	620	420	2.15
	1 1/2"	38.1	54.6	ON TESTING	125	500	500	2.55
	2"	50.8	67.3	ON TESTING	90	360	630	3.33

HYDRAULIC HOSE



# EN856-4SP/4SH Wrapped Cover



## EN856-4SP

SIZE	HOSE ID (mm)	HOSE OD (mm)	WIRE OD (mm)	MAX. WORK PRESSURE	MIN. BURST PRESSURE	MIN. BEND RADIUS (mm)	APROX. WT (Kg/m)
				BAR	BAR		
3/8"	9.5	21.4	17.5	490	1960	180	0.80
1/2"	12.7	24.6	20.6	420	1680	230	0.92
5/8"	15.9	28.2	24.1	420	1680	250	1.00
3/4"	19.1	32.2	28.2	380	1520	300	1.50
1"	25.4	39.7	34.9	320	1280	340	2.10

## EN856-4SH

SIZE	HOSE ID (mm)	HOSE OD (mm)	WIRE OD (mm)	MAX. WORK PRESSURE	MIN. BURST PRESSURE	MIN. BEND RADIUS (mm)	APROX. WT (Kg/m)
				BAR	BAR		
3/4"	19.1	32.3	28.3	420	1680	280	1.62
1"	25.4	38.4	34.8	420	1680	340	2.00
1-1/4"	31.8	45.5	42.2	350	1400	460	2.50
1-1/2"	38.1	53.5	48.8	300	1200	560	3.30
2"	50.8	68.1	63.2	250	1000	700	4.70





# Rubber L.P. Gas Hose

## Applications:

- For gas discharging industry, home burner system, grills, heaters (Not for use with natural gas in confined area).

## Construction:

- **Tube:** Synthetic Rubber compound, LP gas, oil and low temperature resistant.
- **Reinforcement:** High tensile synthetic yarn braid
- **Cover:** Synthetic Rubber compound, Abrasion and Weather Aging Resistant.
- **Temperature Range:** -40°C to + 60°C

Specifications: Meet **UL21 / UL569 / CSA** L.P. Gas Hose Standard

ERP No.	Hose I.D.		O.D. mm	Reinforcement braid	W.P. psi	B.P. psi	Length Meter	Hose Color
	inch	mm						
ALH0201	1/4	6.3	13.5	1B	350	1,750	100	Black
ALH0251	5/16	7.9	16	1B	350	1,750	100	Black
ALH0301	3/8	9.5	17.7	1B	350	1,750	100	Black
ALL0201	1/4	6.3	13	1B	100	500	100	Black
ALL0251	5/16	7.9	15	1B	100	500	100	Black
ALL0301	3/8	9.5	17	1B	100	500	100	Black

✘Region: Canada/USA

LPG HOSE



# Rubber L.P. Gas Hose

## Applications:

- Gas discharging industrial, home burner system, outdoor grill & heater equipment.

## Construction:

- **Tube:** Black Rubber
- **Reinforcement:** Textile Yarn
- **Cover:** Orange Rubber or Black Rubber
- **Temperature Range:** -30°C to + 65°C

## Specifications: Meet **BS3212** L.P. Gas Hose Standard

ERP No.	Hose I.D.		O.D.	Reinforcement	W.P.	Length	Hose Color
	inch	mm	mm	braid	Bar	Meter	
CRB0251	5/16	8	15	1B	17.5	100	Orang/Black
CRB0301	3/8	10	17	1B	17.5	100	Orang/Black

✧Region: U.K.

## Specifications: Meet **EN559** L.P. Gas Hose Standard

ERP No.	Hose I.D.		O.D.	Reinforcement	W.P.	B.P.	Length	Hose Color
	inch	mm	mm	braid	Bar	Bar	Meter	
CRN0201	1/4	6.3	11.4	1B	20	60	100	Orang/Black
CRN0251	5/16	8	15	1B	20	60	100	Orang/Black
CRN0301	3/8	10	17	1B	20	60	100	Orang/Black
CRN0302	3/8	11	18	1B	20	60	100	Orang/Black

✧Region: Europe

LPG HOSE



# PVC L.P. Gas Hose

## Applications:

- Gas discharging industrial, home burner system, outdoor grill & heater equipment.

## Construction:

- **Tube:** PVC (Polyvinyl Chloride)
- **Reinforcement:** Textile Yarn
- **Cover:** PVC, Abrasion Resistant
- **Temperature Range:** -40°C to + 60°C

## Specifications: Meet **UL569/CSA8.3** L.P. Gas Hose Standard

ERP No.	Hose I.D.		O.D.	Reinforcement	W.P.	B.P.	Length	Hose Color
	inch	mm						
CHC0201	1/4	6.3	13.3	1B	350	1750	100	Black
CHH0251	5/16	8	14.5	1B	350	1750	100	Black
CHH0301	3/8	9.5	16.5	1B	350	1750	100	Black
CHL0251	5/16	8	14	1B	100	500	100	Black
CHL0301	3/8	9.5	16	1B	100	500	100	Black

※Region: Canada/USA

## Specifications: Meet **AS1869C** L.P. Gas Hose Standard

ERP No.	Hose I.D.		O.D.	Reinforcement	W.P.	B.P.	Length	Hose Color
	inch	mm						
CHA0201	1/4	6	12	1B	2.6	10.4	100	Grey
CHA0251	5/16	8	14.5	1B	2.6	10.4	100	Grey

※Region: Canada/USA

LPG HOSE





# PVC L.P. Gas Hose

## Applications:

- Gas discharging industrial, home burner system, outdoor grill & heater equipment.

## Construction:

- **Tube:** PVC (Polyvinyl Chloride)
- **Reinforcement:** Textile Yarn
- **Cover:** PVC, Abrasion Resistant
- **Temperature Range:** -30°C to + 70°C

## Specifications: Meet **DIN4815** L.P. Gas Hose Standard

ERP No.	Hose I.D.		O.D.	Reinforcement	W.P.	B.P.	Length	Hose Color
	inch	mm	mm	braid	bar	bar	Meter	
CHD0201	1/4	6.3	12.5	1B	6	24	100	Orange
CHD0301	3/8	9	15.5	1B	6	24	100	Orange

✂Region: Germany

## Specifications: Meet **BS3212/EN1763-1** L.P. Gas Hose Standard

ERP No.	Hose I.D.		O.D.	Reinforcement	W.P.	B.P.	Length	Hose Color
	Inch	Mm	mm	braid	bar	bar	Meter	
CHB0201	1/4	6.3	12.5	1B	10	40	100	Orange/Black
CHB0251	5/16	8	14.5	1B	10	40	100	Orange/Black
CHB0301	3/8	10	16.5	1B	10	40	100	Orange/Black

✂Region: U.K.

LPG HOSE





# Rubber L.P. Gas/CNG Hose

## Application :

- For automobile service, not for use with natural gas in confined area.

## Construction :

- **Tube** : Synthetic rubber, LP gas, oil and low temp. resistant.
- **Cover** : Textile braid
- **Reinforcement** : One textile and one stainless steel wire braid
- **Temperature Range** : -20°C to +125°C

## Specifications : Meet **AS/NZ 1869/D** L.P. Gas Hose Standard

Part no.	Hose I.D.		Braid	O.D.		W.P.		Length
	inch	mm		inch	mm	psi	kgf/cm <sup>2</sup>	Meter
LP 0253X	5/16	7.9	3	0.673	17.1	350	25	100*
LP 0303X	13/32	10.3	3	0.768	19.5	350	25	100*

\*Lengths: Random lengths on bundle or wooden reels.

## Application :

- High performance for automobile service, not for use with natural gas in confined area.

## Construction :

- **Veneer** : Syntetic resin
- **Tube** : Synthetic rubber
- **Cover** : Textile braid
- **Reinforcement** : One textile and one stainless steel wire braid
- **Temperature Range** : -20°C to +125°C

## Specifications : **High performance veneer type** L.P. Gas Hose Standard

Part no.	Hose I.D.		Braid	O.D.		W.P.		Length
	inch	mm		inch	mm	psi	kgf/cm <sup>2</sup>	Meter
LPN 0253	5/16	7.9	3	0.673	17.1	350	25	100*
LPN 0303	13/32	10.3	3	0.768	19.5	350	25	100*

\*Lengths: Random lengths on bundle or wooden reels.

## Construction :

- **Reinforcement** : 1 Wire or fiber braid
- **Temperature Range** : -30°C to +60°C

## Specifications : Meet **CNS 9621 Type A** L.P. Gas Hose Standard

Part no.	Hose I.D.		Braid	O.D.		W.P.		Length
	inch	mm		inch	mm	psi	kgf/cm <sup>2</sup>	Meter
LP 0301	3/8	9.5	1	0.685	17.4	350	25	100*
LP 0401	1/2	12.7	1	0.814	20.7	350	25	100*

\*Lengths: Random lengths on bundle.

LPG HOSE





# Natural Gas Hose Kit



Specifications: Meet **CSA8.4** L.P. Gas Hose Standard

ERP No.	CSN0301-SGC-10F/12F/15F	CSN0401-SGC-10F/12F/15F
Hose I.D.(inch)	3/8	1/2
W.P.(bar)	3/8	1/2
Package Including	1.Quick Connector 2.Warning Tag 3.Fitting Cap	
Quick Connector	3/8 QD with 5/8 UNF End	1/2 QD with 3/4 UNF End
Fitting	3/8 NPT	1/2 NPT
Inner Material	Galvanizing	
Outer Material	Polyvinyl Chloride	
Reinforcement	Polyester Yarn	
Working Temperature	- 40°C to + 60°C	

**LPG HOSE**

ERP No.	Length (Feet)	ERP No.	Length (Feet)
CSN0301-SGC-10F	10	CSN0401-SGC-10F	10
CSN0301-SGC-12F	12	CSN0401-SGC-12F	12
CSN0301-SGC-15F	15	CSN0401-SGC-15F	15





# LPG Regulator

No. 601



No. 777B



No. 901



Item	Inlet Pressure	Outlet Pressure	Flow Capacity	Inlet Dia.	Outlet Dia.
No. 601	Min. 25 PSI Max. 250 PSI	11" W.C.	95,200 BTU/Hour	QCC (#900) P.O.L	5/8" UNF
No. 777B			71,400 BTU/Hour		
No. 901			142,800 BTU/Hour		
*NO.901 Outlet Dia. : 90 degree, available by customer request.					
No. 900	Min. 25 PSI Max. 250 PSI	0-20 PSIG	142,800 BTU/Hour	1-5/16" ACME	1/4" NPT
No. 101				P.O.L	5/8" UNF
No. 102					1/8" N.P.T.

No. 900



No. 101



No. 102



LPG REGULATOR



# LPG Regulator

No. 106



No. 7020



No. 7060



Item	Inlet Pressure	Outlet Pressure	Flow Capacity	Inlet Dia.	Outlet Dia.	
No. 106	Min. 25 PSI Max. 250 PSI	44 PSIG.	214,200 BTU/Hour	7/8" -14T-LH	1/4" N.P.T.	
No. 7020	Min. 10PSI Max. 250 PSI	11" W.C.	60,000 BTU/Hour	1/4" NPT P.O.L	3/8" NPT	
No. 7060			120,000 BTU/Hour		3/8" NPT	
No. 7010	Max. 250 PSI	11" W.C.	135,000 BTU/Hour	1/4" NPT	3/8" NPT	
No. CF103		0-60 PSIG			1/4" NPT	
No. 6000		Min. 10 PSI Max. 250 PSI	11" W.C.		240,000 BTU/Hour	3/8" NPT
No. 9000		Max. 250 PSI	0-20 PSI			1/4" NPT

**LPG REGULATOR**

No. 7010



No. CF103



No. 6000



No. 9000







# LPG Valve

No. 101



No. 102



No. 103



Item	Type	Inlet	Outlet	Inlet Pressure (PSI)	Capacity Pressure (BTU)
No. 101	Single Valve	1/8PF - 28Thd	1/8PF - 28Thd (M6x0.75)	1/2	9,000 ~ 24,000
No. 102		1/8 - 27 NPT	11 (5/16-32Thd)		6,000 ~ 20,000
No. 103			3/8 - 27UNF		
No. 201	Dual Valve (Valve & Manifold Assembly)	3/8-18 SAE Flare (5/8-18UNF)	11 (5/16-32Thd)		16,000 ~ 38,000
No. 202		10 Hose Barb			
No. 203		3/8-18 SAE Flare (5/8-18UNF)			

No. 201



No. 202



No. 203



LPG VALVE



# Air Hose

## Applications :

For compressed air service in mining, construction, engineering, shipbuilding, steel production and general industry etc.

## Construction :

**Tube :** SBR compound

**Reinforcement :** Multiple fiber braid

**Cover :** Synthetic rubber compound and red, yellow or corrugated are available upon request.

**Temperature Range :** -30°C to + 70°C

**Burst Pressure :** Working Pressure (W.P.) x 4

## Specifications:

Part No.	Hose I.D.		Braid	Hose O.D.		Max. W.P.		Length
	inch	mm		inch	mm	psi	Kgf/cm <sup>2</sup>	Meter
AR00151	3/16	4.8	1	0.452	11.5	200	14	100
AR00152	3/16	4.8	2	0.492	12.5	300	21	100
AR00201	1/4	6.3	1	0.511	13.0	200	14	100
AR00202	1/4	6.3	2	0.570	14.5	300	21	100
AR00251	5/16	7.9	1	0.590	15.0	200	14	100
AR00252	5/16	7.9	2	0.649	16.5	300	21	100
AR00301	3/8	9.5	1	0.629	16.0	200	14	100
AR00302	3/8	9.5	2	0.748	19.0	300	21	100
AR00402	1/2	12.7	2	0.866	22.0	250	18	100
AR00403	1/2	12.7	3	0.905	23.0	300	21	100
AR00502	5/8	15.9	2	1.003	25.5	250	18	100
AR00602	3/4	19.1	2	1.161	29.5	250	18	100
AR00603	3/4	19.1	3	1.200	30.5	300	21	100
AR01002	1	25.4	2	1.437	36.5	200	14	100
AR01003	1	25.4	3	1.476	37.5	250	18	100
AR01202	1-1/4	31.8	2	1.751	44.5	170	12	30
AR01203	1-1/4	31.8	3	1.811	46.0	200	14	30
AR01402	1-1/2	38.1	2	2.027	51.5	170	12	30
AR01403	1-1/2	38.1	3	2.106	53.5	200	14	30
AR01602	1-3/4	44.5	2	2.322	59.0	170	12	30
AR01603	1-3/4	44.5	3	2.401	61.0	200	14	30
AR02002	2	50.8	2	2.559	65.0	170	12	30
AR02003	2	50.8	3	2.618	66.0	200	14	30

RUBBER HOSE





# Air Brake Hose

## Applications:

For automobile air brake system.

I.D. can be made according to SAE J1402 table A, AI, All

## Construction :

**Tube :** Oil Resistant Synthetic Compound

**Reinforcement :** Multiple Textile Braid

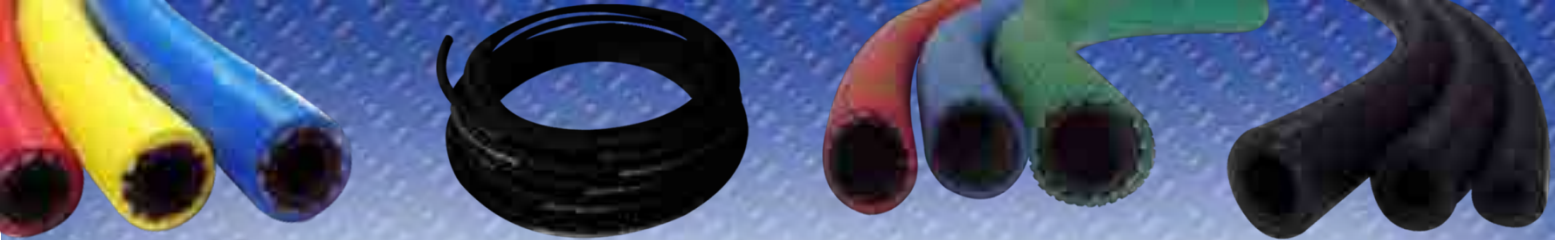
**Cover :** Abrasion and Weather Aging Resistant Synthetic Rubber

**Temperature Range :** -40°C to + 100°C

## Specifications:

Part No.	Hose I.D.		Braid	Max. W.P.		Min. B.P.		Length
	inch	mm		psi	Kgf/cm <sup>2</sup>	psi	Kgf/cm <sup>2</sup>	Meter
AB00201	1/4	6.4	1	150	10.5	900	63	100
AB00251	5/16	7.9	1	150	10.5	900	63	100
AB00302	3/8	9.5	2	150	10.5	900	63	100
AB00352	7/16	11.1	2	150	10.5	900	63	100
AB00402	1/2	12.7	2	150	10.5	900	63	100
AB00502	5/8	15.9	2	150	10.5	900	63	100

※Operating temperature in excess of 100°C may materially reduce the service life of hose assembly.



# Oil Hose

## Applications:

For Hydraulics, Crude, Fuel and Lubricating Oils Discharging Pressure Of The System.

## Construction :

**Tube :** Oil Resistant Synthetic Compound

**Reinforcement :** Multiple Fiber Braid

**Cover :** Synthetic Rubber

**Temperature Range :** -30°C to + 80°C

**Burst Pressure :** Working Pressure x 4

## Specifications:

Part No.	Hose I.D.		Braid	Wall Thickness	Max. W.P.		Length
	inch	mm		mm	psi	Kgf/cm <sup>2</sup>	Meter
MO00151	3/16	4.8	1	2.8	200	14	100
MO00152	3/16	4.8	2	2.8	300	21	100
MO00201	1/4	6.3	1	3.0	200	14	100
MO00202	1/4	6.3	2	3.0	300	21	100
MO00251	5/16	7.9	1	3.0	200	14	100
MO00252	5/16	7.9	2	3.0	300	21	100
MO00301	3/8	9.5	1	3.0	200	14	100
MO00302	3/8	9.5	2	3.0	250	18	100
MO00401	1/2	12.7	1	3.5	150	11	100
MO00402	1/2	12.7	2	3.5	250	18	100
MO00403	1/2	12.7	3	3.5	300	21	100
MO00501	5/8	15.9	1	3.5	150	11	100
MO00502	5/8	15.9	2	3.5	250	18	100
MO00503	5/8	15.9	3	3.5	300	21	100
MO00601	3/4	19.1	1	4.0	120	8	100
MO00602	3/4	19.1	2	4.0	250	18	100
MO00603	3/4	19.1	3	4.0	300	21	100
MO01001	1	25.4	1	4.0	120	8	100
MO01002	1	25.4	2	4.0	200	14	100
MO01003	1	25.4	3	4.0	250	18	100
MO01202	1-1/4	31.8	2	5.0	170	12	30
MO01203	1-1/4	31.8	3	5.0	200	14	30
MO01402	1-1/2	38.1	2	6.0	170	12	30
MO01403	1-1/2	38.1	3	6.0	200	14	30
MO01502	1-5/8	41.3	2	6.0	170	12	30
MO01503	1-5/8	41.3	3	6.0	200	14	30
MO01602	1-3/4	44.5	2	6.0	170	12	30
MO01603	1-3/4	44.5	3	6.0	200	14	30
MO02002	2	50.8	2	6.0	170	12	30
MO02003	2	50.8	3	6.0	200	14	30





# WP30 Oil Hose

## Applications:

For Hydraulics, Crude, Fuel and Lubricating Oils Discharging Pressure Of The System.

## Construction :

**Tube :** Synthetic Rubber

**Reinforcement :** Synthetic Rubber

**Cover :** Multiple Textile Braid

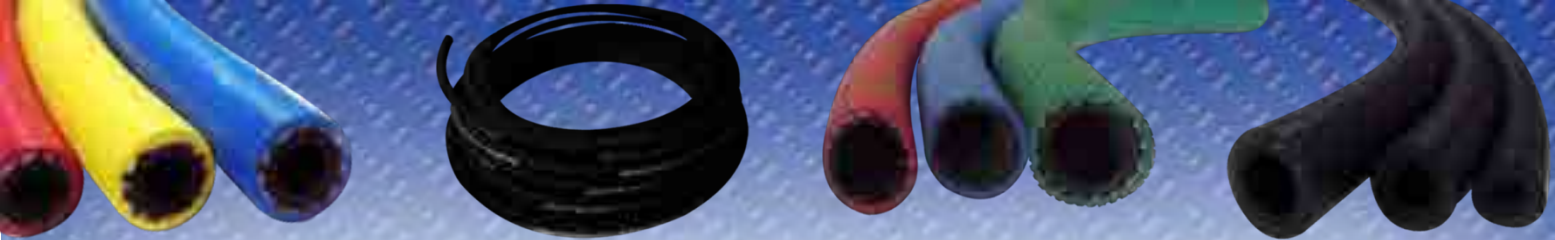
**Temperature Range :** -30°C to + 80°C

**Burst Pressure :** Working Pressure x 4

## Specifications:

Part No.	Hose I.D.		Braid	Hose O.D.		Max. W.P.		Length
	inch	mm		inch	mm	psi	Kgf/cm <sup>2</sup>	Meter
HG0202	1/4	6.3	2	0.649	16.5	425	30	100
HG0252	5/16	7.9	2	0.728	18.5	425	30	100
HG0302	3/8	9.5	2	0.807	20.5	425	30	100
HG0403	1/2	12.7	3	1.043	26.5	425	30	100
HG0503	5/8	15.9	3	1.318	33.5	425	30	100
HG0603	3/4	19.1	3	1.456	37.0	425	30	100
HG1003	1	25.4	3	1.771	45.0	425	30	100
HG1204	1-1/4	31.8	4	2.086	53.0	425	30	50
HG1404	1-1/2	38.1	4	2.322	59.0	425	30	50

RUBBER HOSE



# Freon Charging Hose

## Applications :

For Refrigerant Charging Systems,  
Automotive Air Conditioner and  
Chiller Equipment.

## Construction :

**Tube** : Synthetic Rubber Compound

**Reinforcement** : High Tensile Synthetic Textile Yarn

**Cover** : Oil, Ozone and Heat Resistant Rubber Compound  
in red, blue or yellow colors. Other Colors are Available  
Upon Request.

**Temperature Range** : - 30°C to + 95°C

## Specifications:

**Conforms to SAE J2196**

Hose I.D.	Hose O.D.	Working Pressure	Burst Pressure	Remark
5.2mm	11.2mm	500 PSI	2,500 PSI	R12
5.2mm	11.2mm	600 PSI	3,000 PSI	R134a
5.2mm	11.2mm	800 PSI	4,000 PSI	R410a

※ Operating temperature in excess of 100°C may materially reduce the service life of hose assembly.





# Fuel Hose

## Applications :

For fuel oil or diesel oil application to automobile or commercial service.

## Construction :

**Tube :** Synthetic rubber

**Reinforcement :** Multiple high tensile textile yarn

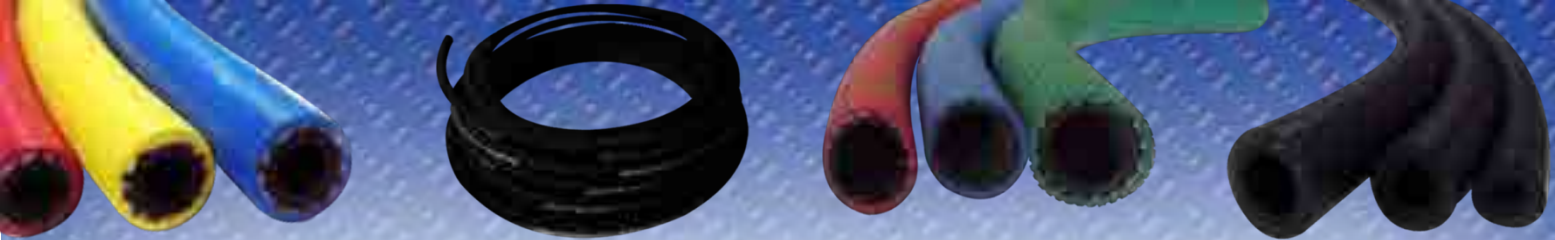
**Cover :** Oil resistant synthetic rubber black smooth finish

**Temperature Range :** -40°C to + 100°C

**Burst Pressure :** Working Pressure (W.P.) x 5

## Specifications:

Part No.	Hose I.D.		Braid	Hose O.D.		Max. W.P.		Length
	inch	mm		inch	mm	psi	Kgf/cm <sup>2</sup>	Meter
FL00151	3/16	4.8	1	0.413	10.5	50	4	100
FL00201	1/4	6.3	1	0.500	12.7	50	4	100
FL00251	5/16	7.9	1	0.562	14.3	50	4	100
FL00301	3/8	9.5	1	0.625	15.9	50	4	100
FL00401	1/2	12.7	1	0.779	19.8	35	2.5	100
FL00501	5/8	15.9	1	0.937	23.8	35	2.5	100
FL00601	3/4	19.1	1	1.125	28.6	35	2.5	100
FL01001	1	25.4	1	1.374	34.9	35	2.5	100



# Sandblast Hose

## Applications :

For industrial cleaning, cutting, finishing, casting use.

## Construction :

**Tube :** Oil Resistant Synthetic Rubber.

**Reinforcement :** Four Spiral Wire Braid.

**Cover :** Oil, Abrasion and Weather Aging Resistant Synthetic Rubber in Fabric Wrapped Finish.

**Temperature Range :** -40°C to + 100°C

## Specifications:

Part No.	Hose I.D.		Plies	Hose O.D.		Working Pressure	
	inch	mm		inch	mm	psi	Kgf/cm <sup>2</sup>
SB00604	3/4	19.1	4	1-9/16	40	150	11
SB01004	1	25.4	4	1-27/32	47	150	11
SB01204	1-1/4	31.8	4	2-1/8	54	150	11
SB01404	1-1/2	38.1	4	2-3/8	60	150	11

※ Operating temperature in excess of 100°C may materially reduce the service life of hose assembly.





# Fuel Suction Hose

## Applications :

For fuel oil suction use.

## Construction :

**Tube :** NBR compound, fuel oil resistant.

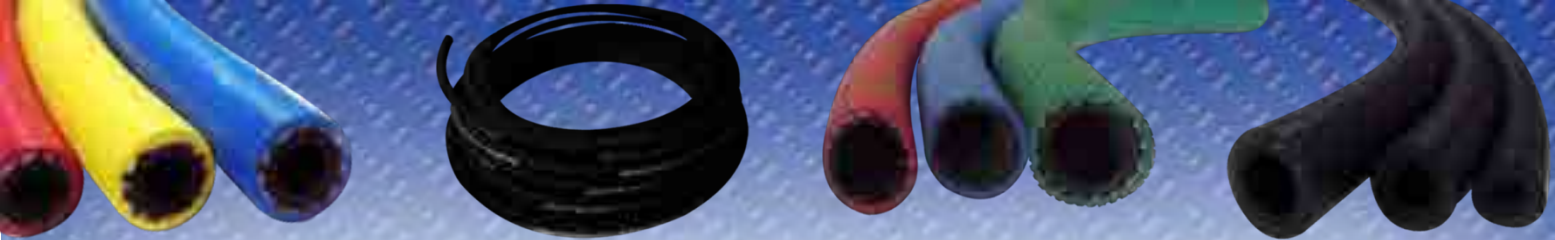
**Reinforcement :** High tensile synthetic textile cloth & iron wire.

**Cover :** NBR compound, black cambric surface with fuel oil & weather resistance.

## Specifications:

Part No.	Hose I.D.		Reinforcement	Working Pressure		Standard Length
	inch	mm		psi	Kgf/cm <sup>2</sup>	ft
FS01402	1-1/2	38.1	2 Plies	150	10.5	66
FS02002	2	50.8	2 Plies	150	10.5	66
FS02402	2-1/2	63.5	2 Plies	150	10.5	66
FS03002	3	76.2	2 Plies	150	10.5	66
FS04002	4	101.6	2 Plies	150	10.5	66

RUBBER HOSE



# Heater Hose

## Applications :

For application of automobile coolant systems, or general industrial service.

## Construction :

**Tube :** SBR or EPDM compound

**Reinforcement :** Multiple fiber braid

**Cover :** Synthetic rubber compound

**Temperature Range :** up to +80 °C(176°F)/SBR  
or 120°C(248°F)/EPDM

**Burst Pressure :** Working Pressure (W.P.) x 4

## Specifications:

**Conforms to SAE J2196**

Part No.	Hose I.D.		Braid	Min.Wall Thickness	Max. W.P.		Length
	inch	mm		mm	psi	Kgf/cm <sup>2</sup>	Meter
HT00201	1/4	6.3	1	3.0	200	14	100
HT00251	5/16	7.9	1	3.0	200	14	100
HT00301	3/8	9.5	1	3.0	200	14	100
HT00401	1/2	12.7	1	3.0	150	11	100
HT00501	5/8	15.9	1	3.0	150	11	60
HT00601	3/4	19.1	1	3.5	120	8	60
HT01001	1	25.4	1	3.5	120	8	60

RUBBER HOSE



# Welding Hose

## Applications :

For acetylene and oxygen welding/cutting service or general industry.

## Construction :

**Tube :** SBR compound.  
**Reinforcement :** Multiple fiber braid  
**Cover :** Synthetic rubber, smooth or corrugated (ribbed) covers are available.  
**Temperature Range :** -25°C + 75°C  
**Burst Pressure :** Working Pressure (W.P.) x 4

**Specifications:** **Meet BS 5120/A Standard.**

Size	Hose I.D.	Hose O.D.	Braid	Max. W.P.	Min. B.P.	Length	N.W.	G.W.	Meas.
inch	mm			Kgf/cm <sup>2</sup>		Meter			
Single Line Welding Hose For Conveyance of Oxygen or Acetylene									
<b>3/16</b>	5	11	1	15	60	100	15	15.5	0.8
<b>1/4</b>	6.3	14	1	15	60	100	17	17.5	1
<b>5/16</b>	8	16	1	15	60	100	24	24.5	1.4
<b>3/8</b>	10	18	1	15	60	100	27	27.5	2
<b>1/2</b>	13	22	1	15	60	100	31.5	32	2.7
Twin Line Welding Hose For Conveyance of Oxygen and Acetylene									
<b>3/16</b>	5	11	1	15	60	100	32	32.5	1.8
<b>1/4</b>	6.3	14	1	15	60	100	36	36.5	2
<b>5/16</b>	8	16	1	15	60	100	50	50.5	2.8
<b>3/8</b>	10	18	1	15	60	100	54	54.5	3.5

※ Customized length with fittings are available upon request.

# Braided Hose

## Applications:

- Water supply & drainage on machines, or equipments in factories.
- For piping the air pressure equipment.
- For conveying all types of powders and granular substances.
- For shower hoses, gas hoses, fire extinguisher hoses and other special usages

## Features :

- Light weight and flexible.
- Flexible PVC hose reinforced with braided polyester yarns
- Easy coupling.
- Excellent pressure resistance. Low, medium and high pressure are available for multipurpose.
- Corrosion free, little expansion or contraction.

## Specifications:

NOMINAL SIZE (inch)	ID . OD (m/m)	PRESSURE at 20°C		STANDARD LENGTH (M)
		WORKING (Kg/cm <sup>2</sup> )	BURSTING (Kg/cm <sup>2</sup> )	
<b>TYPE (A) - Clear transparency</b>				
3/16	5 x 10	15	60	100
1/4	6 x 11	15	60	100
5/16	8 x 13.5	12	50	100
3/8	9 x 15	12	50	100
1/2	12 x 18	10	40	100
5/8	16 x 22	10	40	50
3/4	19 x 26	8	35	50
1	25 x 33	7	30	50
1-1/4	32 x 41	5	20	50
1-1/2	38 x 48	5	20	50
2	50 x 62	4	15	50
<b>TYPE (B) - Various colors available</b>				
3/16	5 x 9	10	40	100
1/4	6 x 10	10	40	100
5/16	8 x 12	9	35	100
3/8	9 x 14	9	35	100
1/2	12 x 17	7	30	100
5/8	16 x 21	6	25	50
3/4	19 x 25	5	20	50
1	25 x 32	5	20	50
1-1/4	32 x 40	4	15	50
1-1/2	38 x 47	4	15	50

# Garden Hose

## Applications:

- For gardening, horticulture, floriculture.
- For cleaning, general home and garage use.

## Features:

- Reinforced with polyester yarns.
- Flexible and durable.
- Fits to any type of faucets / taps.

## Specifications:

NOMINAL SIZE inch	ID . OD m/m	WALL THICKNESS m/m	STANDARD LENGTH M	COLOUR
1/2	12 X 16	2	100	GREEN
5/8	15 X 20	2.5	50	ORANGE
3/4	19 X 24	2.5	50	BLUE
1	25 X 31	3	50	OTHERS

PVC HOSE

# Shower Hose

## Applications:

- For shower room.

## Features:

- Reinforced with polyester yarns.
- Flexible and lightweight.
- Fits to any type of shower heads.

## Specifications:

DIAMETER		WALL THICKNESS (m/m )	STANDARD LENGTH		PASTEL SHADES
INSIDE (m/m)	OUTSIDE (m/m)		PER PIECE	PER ROLL	
			WITH COUPLINGS	WITHOUT COUPLINGS	
8.5	14	2.75	1.5M	100M	WHITE
					GREY
					BLUE
9	15	3	1.5M	100M	GREEN
					OTHERS



# Spray Hose

## Applications:

- For spraying chemicals as insecticide, fungicide and detergent etc. in agricultural fields and others.
- For high pressure air-compressors.
- For machines used in mining, road construction etc.
- For strong watering equipments used in washing ships, vehicles and others etc.

## Features:

- Reinforced with strong tenaciously polyester fabric yarns.
- Designed for enduring medium to high pressure spraying applications with an inner wall that is resistant to most solvent-based chemical sprays.
- Highly flexible and easy to handle.
- Every meter of length is marked on the hose.
- Each roll packed by a carton.
- 2 size (7.5mm and 8.5mm) come with couplings.
- Other sizes as 10mm and 13mm etc. can be fixed with couplings upon buyer's request.

## Specifications:

NOMINAL SIZE (inch)	ID . OD (m/m)	PRESSURE at 20°C		STANDARD LENGTH ( M )
		WORKING (Kg/cm <sup>2</sup> )	BURSTING (Kg/cm <sup>2</sup> )	
<b>TYPE (A)</b>				
7.5 mm	7.5 x 13.5	50	160	100
8.5 mm	8.5 x 14.5	50	160	100
10 mm	10 x 16	50	150	100
13 mm	13 x 20	40	130	100
16 mm	16 x 24	40	120	100
19 mm	19 x 28	40	120	100
25 mm	25 x 35	40	120	50
<b>TYPE (B)</b>				
7.5 mm	7.5 x 13.5	30	100	100
8.5 mm	8.5 x 14.5	30	100	100

# Air Hose

## Applications:

- Suitable for fire extinguisher hoses installed in the multi-storied building
- For air-compressors in general use.
- For use in civil engineering, building, construction, quarry and mining.
- For other special usages.

## Features:

- With strong reinforced polyester yarns woven in it.
- Designed for enduring medium pressure spraying applications.
- Light weight ( 40% lighter than rubber hose) and flexible.
- High pliability and good resistance against abrasion.

## Specifications:

NOMINAL SIZE (inch)	ID . OD (m/m)	PRESSURE at 20°C		STANDARD LENGTH ( M )
		WORKING ( kg/cm <sup>2</sup> )	BURSTING ( kg/cm <sup>2</sup> )	
7.5 mm	7.5 X 13	15	60	100
8.5 mm	8.5 X 14.5	15	60	100
10 mm	10 X 16.5	12	50	100
13 mm	13 X 20	10	40	100
19 mm	19 X 27	9	35	100



# PU Recoiled Air Hose

## Applications:

- For pneumatic and hydraulic system machines, and automobile industry etc.

## Features:

- The hose is spiral and can be stretched like a telephone cord.
- Light weight and tough.

## Specifications:

SIZE		PRESSURE at 20°C ( kg/cm <sup>2</sup> )	STANDARD LENGTH ( M )
I.D. (mm)	O.D. (mm)		
5	8	24	6 / 9 / 15
6.5	10	24	6 / 9 / 15
8	12	24	6 / 9 / 15

PVC HOSE

# Nylon Recoiled Air Hose

## Applications:

- For pneumatic, hydraulic system machines and automobile industry, etc.

## Features:

- The hose is spiral and can be stretched like a telephone cord.
- Light weight and tough.
- Fitted with male couplings and spring guards.

## Specifications:

SIZE		PRESSURE at 20°C ( kg/cm <sup>2</sup> )	LENGTHS FT ( Feet )
I.D. (inch)	O.D. (inch)		
1 / 4	5 / 16	60	25 / 50 / 100
3 / 8	1 / 2	60	25 / 50



# Heavy Duty Suction Hose

## Applications:

- For suction-pumps and sanitation trucks etc.
- For conveyance of substances as powder, granule, cement, concrete and liquid as oil etc.
- For the general use in shipbuilding, civil engineering, mining and subway construction works etc.

## Features:

- Flexible and superior resistance against pressure and abrasion, also good resistance against chemicals.
- Excellent durability for long life service.
- No resistance in conveying materials due to smooth inner wall.
- Materials' movement inside the transparent hose can be seen.

## Specifications:

NOMINAL SIZE		STANDARD LENGTH (M)	PRESSURE at 20°C		TOLERABLE BENDING RADIUS (m/m)
(m/m)	(inch)		WORKING ( kg/cm <sup>2</sup> )	BURSTING ( kg/cm <sup>2</sup> )	
25	1	50	7.0	18.0	70
32	1-1/4	50	7.0	18.0	90
38	1-1/2	50	6.0	17.0	120
50	2	50	6.0	17.0	150
65	2-1/2	50	5.5	16.5	200
75	3	50	5.0	16.0	230
100	4	30	4.5	15.0	350
125	5	30	4.5	14.0	500
150	6	20	4.0	12.0	700
200	8	10	3.5	10.0	1200

# Water Suction Hose

## Applications:

- For discharging/supplying water used in agriculture, fish ponds, industry, construction, civil engineering and ships etc.
- For transporting of pulverized body or chemicals.
- For conveyance of foods and beverages.
- For other suction usages in factories.

## Features:

- Smooth inner wall providing a good flow of fluids.
- Material's movement inside the hose can be seen.
- High flexibility due to corrugated outer surface.
- Good resistance against abrasion and deformation.

## Specifications:

NOMINAL SIZE (I.D.)		STANDARD LENGTH ( M )	PRESSURE at 20°C		TOLERABLE BENDING RADIUS (m/m)
m/m	inch		WORKING ( kg/cm <sup>2</sup> )	BURSTING ( kg/cm <sup>2</sup> )	
25	1	200	4.0	15.0	45
32	1-1/4	200	4.0	15.0	50
38	1-1/2	200	3.5	13.0	55
50	2	150	3.5	13.0	110
65	2-1/2	150	2.5	12.0	180
75	3	100	2.5	12.0	220
88	3-1/2	100	2.5	11.0	230
100	4	100	2.5	10.0	240
114	4-1/2	100	2.5	10.0	320
125	5	100	2.5	10.0	400
150	6	100	2.0	8.0	450

# Grit Hose

## Applications:

- For various use in industrial plants, shipbuilding, and civil-engineering works.
- For pressure conveyance and suction of grains, sand, cement, and iron ore etc.
- For transportation of various powder and granule.

## Features:

- Superior resistance against abrasion due to specially developed materials.
- Good resistance against heat and cold.

## Specifications:

NOMINAL SIZE (I.D.)		STANDARD LENGTH ( M )	PRESSURE at 20°C		TOLERABLE BENDING RADIUS ( m/m )
m/m	inch		WORKING ( kg/cm <sup>2</sup> )	BURSTING ( kg/cm <sup>2</sup> )	
38	1-1/2	30	6.0	19.0	150
50	2	30	6.0	19.0	160
65	2-1/2	30	5.5	17.5	180
75	3	30	5.5	17.5	210
100	4	30	5.0	16.0	270
125	5	20	5.0	16.0	350
150	6	20	4.5	14.0	420
200	8	10	4.0	13.0	480



# Silicone Ducting Hose

## Applications:

- Designed for enduring medium-high pressure handling of air, dust, fume and light powder.

## Features:

- Smooth inner ply and cover ply of silicone-coated the woven fiberglass.
- Superior air flow and minimum friction loss.
- Chemically-treated, helically-wound spiral steel wire for flexibility.
- Double, continuous filament, silicone-coated treated fiberglass cord.
- Vulcanized for long service life. Abrasive-resistant cover and liner available.
- Light weight, non-kinking.
- Temperature range: -20°C + 220°C
- Not recommended for handling liquid or abrasive materials.

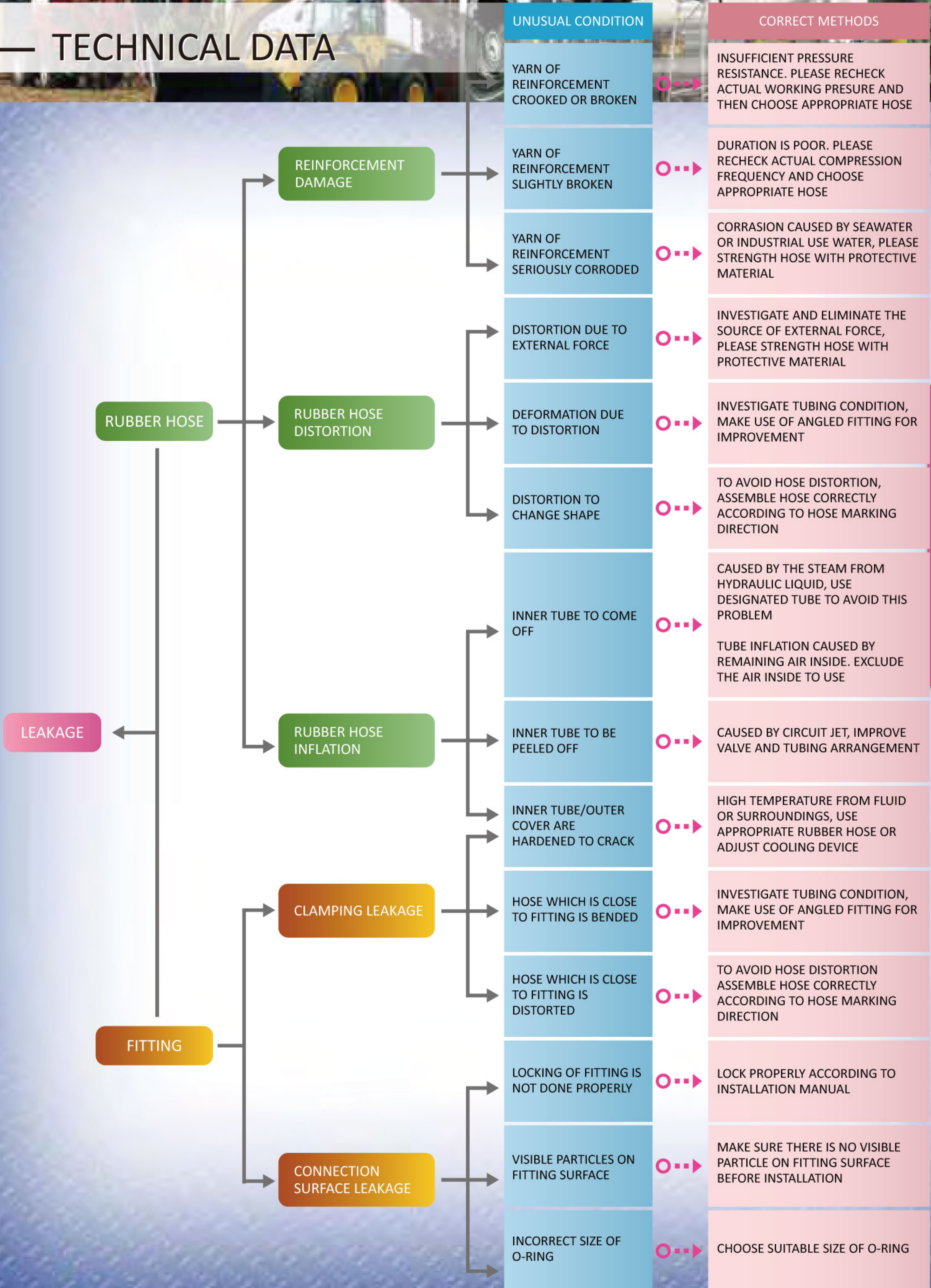
## Specifications:

NOMINAL SIZE (I.D.)		STANDARD LENGTH ( M )	PRESSURE at 20°C	
m / m	inch		WORKING ( kg/cm <sup>2</sup> )	BURSTING ( kg/cm <sup>2</sup> )
38	1-1/2	4	4.0	12.0
50	2	4	4.0	12.0
65	2-1/2	4	3.5	10.5
75	3	4	3.0	9.0
100	4	4	2.8	8.5
125	5	4	2.5	7.5
150	6	4	2.3	7.0
200	8	4	2.0	6.0
250	10	4	1.6	5.0
300	12	4	1.5	4.5





# TECHNICAL DATA



TECHNICAL DATA



**AQUAFLEX**<sup>TM</sup>  
Hose Expert



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