

AIR / WATER HOSE

- Application** Low Pressure Application For Compression and Delivery.
- Lining** Modified Natural Rubber Compound
- Reinforcement** One / Two High Tensity Synthetic Yarn Braids.
- Cover** Modified Natural Rubber Compound with Good Ageing and Abrasion properties
- Standard** Exceeds IS 444 & 446 (type - I)

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
1/4	6.3	13.5	150	10.0	600	40.0
5/16	8.0	15.5	150	10.0	600	40.0
3/8	10.0	18.0	150	10.0	600	40.0
1/2	12.5	20.5	150	10.0	600	40.0
5/8	16.0	24.5	150	10.0	600	40.0
3/4	20.0	28.5	150	10.0	600	40.0
1	25.0	34.5	150	10.0	600	40.0
1-1/4	31.5	42.0	110	7.5	440	30.0

PNEUMATIC TOOL HOSE

- Application** For use in Compressor in Industry, Construction, Shipyard and Wagon in tough Operating Conditions.
- Lining** Modified Natural Rubber Compound.
- Reinforcement** One / Two High Tensity Synthetic Yarn Braids.
- Cover** Modified Natural Rubber Compound Resistant To Abrasion and Ageing.
- Standard** Exceeds IS 446 (type - II)

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM.	MM	PSI	BAR	PSI	BAR
1/4*	6.3*	13.5	300	20.0	1200	80.0
5/16*	8.0*	15.5	300	20.0	1200	80.0
3/8*	10.0*	18.0	300	20.0	1200	80.0
1/2	12.5	22.5	300	20.0	1200	80.0
5/8	16.0	26.0	300	20.0	1200	80.0
3/4	20.0	30.0	300	20.0	1200	80.0
1	25.0	36.5	300	20.0	1200	80.0
1-1/4	31.5	43.5	225	15.0	900	60.0
1-1/2	38.0	50.5	225	15.0	900	60.0
2	50.0	66.5	225	15.0	900	60.0

* with one high tensity yarn braid

ROCK DRILL HOSE

- Application** Used for Extra Heavy Duty, High Pressure Pneumatic Application in Industry, Construction, Mines, Drilling and Quarries in Most Severe Service Conditions.
- Lining** Heat and Oil Mist Resistant Rubber Compound.
- Reinforcement** One High Tensile Brass Coated Steel Wire Braid.
- Cover** Abrasion & Oil Resistant Synthetic Rubber Compound
- Temp. Range** -34°C To + 100°C.
- Standard** Exceeds IS 446 (Type - III)

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
3/8	10.0	18.0	510	35	2040	140
1/2	12.5	21.0	510	35	2040	140
5/8	16.0	24.0	510	35	2040	140
3/4	20.0	29.4	510	35	2040	140
1	25.0	36.6	510	35	2040	140
1-1/4	31.5	43.0	510	35	2040	140
1-1/2	38.0	50.4	510	35	2040	140
2	50.0	63.5	510	35	2040	140

CARBON FREE HOSE

- Application** For use in induction furnace as cable coolant and non-conductive application.
- Lining** White Synthetic Rubber Compound
- Reinforcement** One / Two High Tensity Heat Resistant Synthetic Yarn Braid/Braids.
- Cover** Green Rubber Compound with Abrasion, Weather, Heat Resistant and Ageing Properties.
- Temp. Range** -40°C to 100°C

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
3/8*	10.0*	17.0	290	20.0	1160	80
1/2	12.5	22.0	290	20.0	1160	80
5/8	16.0	25.0	290	20.0	1160	80
3/4	20.0	31.0	290	20.0	1160	80
1	25.0	37.5	290	20.0	1160	80
1-1/4	31.5	45.5	290	20.0	1160	80
1-1/2	38.0	53.5	250	17.5	1000	70
2	50.0	65.5	250	17.5	1000	70

* with one high tensity heat resistant synthetic yarn braid.

CHEMICAL HOSE

- Application** Designed for a Wide Range of Chemicals, Acids, Alkalies & Alcoholic Materials.
- Lining** Synthetic Rubber Compound.
- Reinforcement** One / Two Synthetic textile, Yarn Braids
- Cover** Synthetic Rubber Compound with Heat, Abrasion, Ageing, Weather & Ozone Resistance.
- Standard** Super Exceeds IS 7654 (Type-II) Specification

NORMAL BORE		MEAN DIAMETER OVER WIRE	MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM.	MM	MM	PSI	BAR	PSI	BAR
3/8*	10.0*	15.1	17.4	140	10	570	40
1/2	12.5	18.2	20.6	140	10	570	40
5/8	16.0	21.2	24.0	140	10	570	40
3/4	20.0	25.4	28.4	140	10	570	40
1	25.0	33.3	36.6	140	10	570	40
1-1/4	31.5	40.0	43.0	140	10	570	40
1-1/2	38.0	46.4	50.4	140	10	570	40
2	50.0	59.5	63.5	140	10	570	40

* with one synthetic textile yarn braid.

INDUSTRIAL HOSE

- Application** For Use In Service Station for Water Jetting.
- Lining** Natural and Synthetic Rubber Blend.
- Reinforcement** One High Tensile Brass Coated Steel Wire Braid
- Cover** Synthetic Rubber Compound Resistant To Ozone and Oil with Excellent Abrasion and Ageing Properties
- Special Standard** Extra High Burst Pressure For Safety Exceeds IS 444 (Type-III B)

NOMINAL BORE		MEAN COVER DIA	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
5/16	8	17.2	1090	75	7975	550
3/8	10.0	19.0	1090	75	7975	550
1/2	12.5	22.5	1090	75	7975	550

SAND / SHOT BLAST HOSE

- Application** Used for Cleaning / Blasting in Casting Metal, Stone, Concrete Surface With Wet / dry Sand or Other Abrasive Material.
- Lining** Extra Thick Seamless Natural Rubber Lining with High Abrasion Resistance & Resilience.
- Reinforcement** Suitably Braided With Synthetic Yarn and Two Tin Coated Copper Wire Laid Spirally In Opposite Direction To Dissipate Static Charge.
- Cover** Highly Abrasion Resistant Modified Natural Rubber Compound With Excellent Ageing Properties.
- Standard** Exceeds IS 5894 (Type-II)

NOMINAL BORE		MINIMUM OUTER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM.	MM	PSI	kgf/cm ²	PSI	kgf/cm ²
3/4	20.0	39.0	150	10	600	40.0
1	25.0	45.5	150	10	600	40.0
1-1/4	31.5	53.0	150	10	600	40.0
1-1/2	38.0	59.0	150	10	600	40.0
1-3/4	45.0	66.0	150	10	600	40.0
2	50.0	71.0	150	10	600	40.0

STEAM HOSE

- Application** Steam at High Temperature.
- Lining** Steam & Heat Resistant Rubber Compound.
- Reinforcement** One/ Two High Tensile Brass Coated Steel Wire Braid/ Braids
- Cover** Rubber Compound Resistant to Heat, Abrasion & Weather
- Temp. Range** Upto 205°C
- Special Feature** High Safety Ratio with High Burst Pressure Exceeds IS 10655 : 1999 (Type - 2 & 3)

DASH NO	DN.	NOMINAL BORE		MEAN OUTER COVER DIAMETER		MAXIMUM WORKING PRESSURE				MINIMUM BURST PRESSURE			
		INCH	MM.	MM	BAR	S 1		S 2		S 1		S 2	
						PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR
-6	10	3/8	9.5	20.0	22.0	150	10	232	16	1500	100	2320	160
-8	12	1/2	12.7	24.0	26.7	150	10	232	16	1500	100	2320	160
-10	16	5/8	15.9	26.8	28.8	150	10	232	16	1500	100	2320	160
-12	20	3/4	19.0	29.5	33.0	150	10	232	16	1500	100	2320	160
-16	25	1	25.4	36.6	40.0	150	10	232	16	1500	100	2320	160
-20	32	1-1/4	31.8	43.6	48.0	150	10	232	16	1500	100	2320	160
-32	50	2	50.8	63.5	67.6	150	10	232	16	1500	100	2320	160

TRACTOR TROLLEY HOSE (SINGLE & DOUBLE WIRE)

- Application** Suitable for use will Petroleum Base Hydraulic Fluids for Tractor Trolley / Medium Pressure Hydraulic Oil Line
- Lining** Black Oil Resistant Synthetic Rubber
- Reinforcement** One And Two High Tensile Brass Coated Steel Wire Braid / Braids.
- Cover** Synthetic Rubber Compound- brasion, Ozone Oil and Resistance
- Temp. Range** -40°C To 100°C.

DASH NO	DN	NOMINAL BORE		MEAN OUTER COVER WIRE	MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM	MM	MM	PSI	BAR	PSI	BAR	PSI	BAR
-6	10	3/8	9.5	16.5	19.9	4000	276	16000	1104	5.5	140
-8	12	1/2	12.7	19.5	22.9	3500	241	14000	964	7.5	190

* WITH ONE HIGH TENSILE BRASS COATED STEEL BRAID.

CO2 Hose

- Application** Fire extinguisher for CO2, powder, halon gases and foam.
- Lining** Tube Black, Seamless, Resistant to fire extinguishing materials, Synthetic rubber.
- Reinforcement** One tensile Brass coated Steel wire braid.
- Cover** Black, high resistance to weather and heat. Synthetic rubber.
- Temp. Range** 60° C To 100°C.

DASH NO	DN.	NOMINAL BORE		MEAN DIAMETER OVER WIRE	MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM	MM	MM	PSI	BAR	PSI	BAR	INCH	MM
-6	10	3/8	9.5	15.1	17.4	2610	180	10440	720	5.0	127

HYDRAULIC HOSE

SAE 100 R1AT / EN 853 1SN

Application Hydraulic System With Petroleum or Water Base Fluid & For Fuel and Lubricating Oils.

Lining Black Oil Resistant Synthetic Rubber Compound.

Reinforcement One High Tensile Brass Coated Steel Wire Braid.

Cover Abrasion, Ozone and Weather Resistant Synthetic Rubber Compound.

Temp. Range -40°C. To 100°C. (intermittent Use Upto 125°C.)

Impulse Options 1,50,000 Cycles
Robust - High Abrasion resistant Cover

DASH NO	DN.	NOMINAL BORE		MEAN DIAMETER OVER WIRE	MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM			PSI	BAR	PSI	BAR	INCH	MM
-3	5	3/16	4.8	10.6	12.7	3625	250	14500	1000	3.8	95
-4	6	1/4	6.4	11.2	13.5	3265	225	13060	900	4.0	102
-5	8	5/16	7.9	12.7	15.0	3120	215	12480	860	4.5	114
-6	10	3/8	9.5	15.1	17.4	2610	180	10440	720	5.0	127
-8	12	1/2	12.7	18.2	20.6	2320	160	9280	640	7.0	178
-10	16	5/8	15.9	21.2	24.0	1890	130	7560	520	8.0	203
-12	20	3/4	19.0	25.4	28.4	1525	105	6100	420	9.5	241
-16	25	1	25.4	33.3	36.6	1275	88	5100	352	12.0	305
-20	32	1-1/4	31.8	40.0	43.0	915	63	3660	252	16.5	419
-24	38	1-1/2	38.1	46.4	50.4	725	50	2900	200	20.0	508
-32	50	2	50.8	59.5	63.5	580	40	2320	160	25.0	635

SAE100 R2 AT / EN 853 2SN

Application Hydraulic System With Petroleum Or Water Base Fluid & For Fuel And Lubricating Oils.

Lining Black Oil Resistant Synthetic Rubber Compound.

Reinforcement Two High Tensile Brass Coated Steel Wire Braids.

Cover Abrasion, Ozone and Weather Resistant Synthetic Rubber Compound.

Temp. Range -40°C. To 100°C. (intermittent Use upto 125°C.)

Impulse Options 2,00,000 Cycles
Robust - High Abrasion resistant Cover

DASH NO	DN.	NOMINAL BORE		MEAN DIAMETER OVER WIRE	MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM			PSI	BAR	PSI	BAR	INCH	MM
-3	5	3/16	4.8	12.2	14.2	6020	415	24000	1660	3.8	95
-4	6	1/4	6.4	12.7	15.1	5800	400	23200	1600	4.0	102
-5	8	5/16	7.9	14.3	16.7	5100	350	20400	1400	4.5	114
-6	10	3/8	9.5	16.7	19.1	4800	330	19200	1320	5.0	127
-8	12	1/2	12.7	19.8	22.2	4000	276	16000	1103	7.0	178
-10	16	5/8	15.9	23.1	26.0	3600	250	14400	1000	8.0	203
-12	20	3/4	19.0	27.0	30.4	3100	215	12400	860	9.5	241
-16	25	1	25.4	35.0	38.5	2400	165	9600	660	12.0	305
-20	32	1-1/4	31.8	44.5	48.3	1800	125	7200	500	16.5	419
-24	38	1-1/2	38.1	51.0	54.7	1300	90	5200	360	20.0	508
-32	50	2	50.8	63.5	67.4	1160	80	4640	320	25.0	635

SAE 100 R3 / EN 854 R3

Application Hydraulic System With Petroleum Or Water Base Fluid & For Fuel And Lubricating Oils.

Lining Black Oil Resistant Synthetic Rubber Compound.

Reinforcement Two Braids of High Tenacity Textile Yarn.

Cover Synthetic Rubber Compound with Abrasion, Ozone and Weather Resistance.

Temp. Range -40°C. To 100°C.

Impulse Options 2,00,000 cycle
Robust - High Abrasion Resistant Cover

DASH NO	DN.	NOMINAL BORE		MEAN OUTER COVER DIA	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM		PSI	BAR	PSI	BAR	INCH	MM
-3	5	3/16	4.8	12.7	1500	104	6000	416	3.0	76
-4	6	1/4	6.4	14.3	1250	86	5000	345	3.0	76
-5	8	5/16	7.9	17.5	1200	83	4800	331	4.0	102
-6	10	3/8	9.5	19.8	1125	78	4500	310	4.0	102
-8	12	1/2	12.7	23.8	1000	69	4000	276	5.0	127
-10	16	5/8	15.9	27.8	875	60	3500	241	5.0	127
-12	20	3/4	19.0	31.9	750	52	3000	207	6.0	152
-16	25	1	25.4	38.1	565	39	2250	155	8.0	203
-20	32	1-1/4	31.8	44.5	375	26	1500	103	10.0	254
-24	38	1-1/2*	38.1*	50.8	325	22	1300	90	12.0	306
-28	46	1-13/16*	46.0*	60.5	290	20	1600	80	16.1	410
-32	50	2*	50.8*	64.2	290	20	1160	80	16.1	410

SAE 100 R6 / EN 854 R 6

Application Low Pressure Hydraulic Oils, Fuel, Lubricating Oil, Anti-freeze Solution and Water.

Lining Black Oil Resistant Synthetic Rubber Compound.

Reinforcement One Braid Of Suitable Textile Yarn.

Cover Synthetic Rubber Compound with Abrasion, Ozone and Weather Resistance.

Temp. Range -40°C. To 100°C. (Intermittent Use Upto 110°C.)

Options Robust - High Abrasion resistant Cover

DASH NO	DN.	NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM		PSI	BAR	PSI	BAR	INCH	MM
-3	5	3/16	4.8	11.1	500	35	2000	140	2.0	51
-4	6	1/4	6.4	12.7	400	28	1600	110	2.5	64
-5	8	5/16	7.9	14.3	400	28	1600	110	3.0	76
-6	10	3/8	9.5	15.9	400	28	1600	110	3.0	76
-8	12	1/2	12.7	19.8	400	28	1600	110	4.0	102
-10	16	5/8	15.9	22.8	350	24	1400	96	5.0	127
-12	20	3/4	19.0	27.5	300	21	1200	83	6.0	152
-14	22	7/8*	22.0*	31.2	300	21	1200	83	6.0	152
-16	25	1*	25.4*	33.0	190	13	760	52	9.0	230

* Not under SAE specifications.

- Other range on request • Bare Hose Available in Standard / Random / Cut lengths
- Hoses-Fittings-Assemblies-Available / Manufactured as per Specified Requirement

BRANCHES

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