

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)

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	17.2	1000	69
1/2	12.5	22.0	290	17.2	1000	69
5/8	16.0	25.0	290	17.2	1000	69
3/4	20.0	31.0	290	17.2	1000	69
1	25.0	37.5	290	17.2	1000	69
1-1/4	31.5	45.5	290	17.2	1000	69
1-1/2	38.0	53.5	250	17.2	1000	69
2	50.0	65.5	203	14.0	800	56

* 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	250	17.2	1000	69
1/2	12.5	18.2	20.6	250	17.2	1000	69
5/8	16.0	21.2	24.0	250	17.2	1000	69
3/4	20.0	25.4	28.4	250	17.2	1000	69
1	25.0	33.3	36.6	250	17.2	1000	69
1-1/4	31.5	40.0	43.0	250	17.2	1000	69
1-1/2	38.0	46.4	50.4	250	17.2	1000	69
2	50.0	59.5	63.5	203	14	800	54

* 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/cm²	PSI	kgf/cm²
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
Standard	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 Floods 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 OVER WIRE	MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM	MM		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

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

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.

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	MM	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	MM	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	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°Cc. (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	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

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