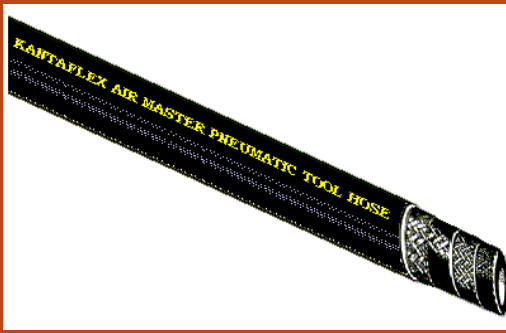


AIR MASTER PNEUMATIC PVC HOSE

SPECIFICATION FOR COMPRESSED AIR HOSE	IS: 446 – 1987 Type 2	BS: 5118 – 80 Type 1	ISO – 2398 Type C
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SCOPE KANTA SYSTEM of Air Master Pneumatic hose is intended for carrying compressed air at the pressure of 1Mpa (10.2Kg/sq.cm) = 150 psi for indoor applications & the temperature shall not exceed 60 degree C.

MATERIAL	Inner tube	Extruded inner tube is made out of PVC compound
	Reinforcement	Synthetic fibre braided yarns
	Outer cover	A PVC cover is coated over the reinforcement



NOMINAL BORE (I.D.)		TOLERANCE ON I.D.		THICKNESS (MINM)		MAXIMUM LENGTH
				LINING	COVER	
Inch	M.M	M.M		M.M	M.M	METER
1/4	06.30	+/-	0.75	1.50	1.00	200.00
5/16	08.00	+/-	0.75	1.50	1.00	200.00
3/8	10.00	+/-	0.75	1.50	1.00	200.00
1/2	12.50	+/-	0.75	1.50	1.00	200.00
5/8	16.00	+/-	0.75	1.50	1.00	150.00
3/4	20.00	+/-	1.00	1.50	1.00	150.00
1	25.00	+/-	1.25	2.00	1.00	100.00
1.1/4	31.50	+/-	1.25	2.00	1.00	075.00
1.1/2	38.00	+/-	1.50	2.00	1.00	075.00
2	50.00	+/-	1.50	2.50	1.00	040.00

PHYSICAL PARAMETERS	TENSILE STRENGTH (MINM)			ELONGATION (MINM)		
	Before Ageing	After Ageing		Before Ageing	After Ageing	
Inner tube/ Lining	5.00 Mpa	+/-	25%	250%	+ -	10% to 30%
Outer cover	7.00 Mpa	+/-	25%	250%	+ -	10% to 30%

ADHESION STRENGTH BETWEEN: -

Inner lining & reinforcement yarn	Not Less than 1.5kN/m
Reinforcement plies	Not Less than 1.5kN/m
Reinforcement & outer cover	Not Less than 1.5kN/m

PRESSURE RATINGS: -

Recommended operating pressure	1.00 Mpa
Hydro test pressure	2.00 Mpa
Change in diameter & Length at proof pressure	+/- 7% respectively
Minimum Bursting Pressure	4.00 Mpa

Hose is guaranteed for the period of 12months from the date of manufacturing or 9months from the date of commissioning whichever is earlier, against manufacturing defects for operational requirement only. Warrantee also limits to replacement only, for the defective quantity after our evaluation. Due to our continuous research the given data can be modified without any prior notice for development.

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