

## SAND BLASTING RUBBER HOSE

<b>SPECIFICATION FOR SAND &amp; SHOT BLASTING HOSE</b>	I S: 5894 – 1980	Type 1 – 7 KSC		Type 2 – 10KSC				
	BS: 5121 - 1975	SAND BLASTING		SHOT BLASTING				
<b>SCOPE</b>	<b>KANTA SYSTEM of Sand&amp; Shot Blasting hose</b> is intended for carrying Sand /Shots or Girds through compressed air from the hopper or other suitable equipment at the pressure of 100 psi/ 150 psi velocity at the temperature shall not exceed 80 degree C for cleaning the metal surfaces from rust, dust & other impurities. Gird blasting is recommended for removing the layers of concrete surfaces.							
<b>MATERIAL</b>	Inner tube	Extruded inner tube is made out of PBR/SBR blended NR rubber compound						
	Reinforcement	Synthetic textile woven fabric plies, with braided copper wire for electrical continuity.						
	Outer cover	A rubber cover made out of Isoprene-natural blended with SBR coated over the reinforcement, compressed by woven fabric						
<b>DIMENSION &amp; PRESSURE RATING</b>  <b>TYPE 1 – 100 PSI</b> <b>TYPE 2 – 150 PSI</b>	<b>NOMINAL BORE (I.D.)</b>		<b>TOLERANCE ON I.D.</b>		<b>THICKNESS (MINM)</b>		<b>MAXIMUM LENGTH</b>	
					LININ G	COVER		
	Inch	M.M	M.M		M.M	M.M	METER	
	3/4	20.00	+/-	0.75	6.5	2.0	15.0	
	1	25.00	+/	1.25	6.5	2.0	15.0	
	1.1/4	31.50	+/	1.25	6.5	2.0	15.0	
	1.1/2	38.00	+/	1.50	6.5	2.0	15.0	
	1.3/4	45.00	+/	1.50	6.5	2.0	15.0	
	2	50.00	+/	1.50	6.5	2.0	15.0	
<b>PHYSICAL PARAMETERS</b>	<b>TENSILE STRENGTH (MINM)</b>				<b>ELONGATION (MINM)</b>			
	Before Ageing		After Ageing		Before Ageing		After Ageing	
Inner tube/ Lining	15.00 Mpa		+	10%	500%		+	10%
			-	15%			-	15%
Outer cover	11.00 Mpa		+	10%	350%		+	10%
			-	15%			-	15%
<b>ADHESION STRENGTH (LOAD: 4.5KGF) BETWEEN: -</b>								
Inner lining & reinforcement yarn					25mm/minute			
Reinforcement plies					25mm/minute			
Reinforcement & outer cover					25mm/minute			
<b>PRESSURE RATINGS: -</b>								
Recommended operating pressure					0.7 & 1.0 Mpa			
Hydro test pressure					2.5 times of the W.P			
Minimum Bursting Pressure					5.0 times of the W.P			
<b>ELECTRICAL CONTINUITY</b>					Braided copper wire provided			
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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