



SANDHYA ENTERPRISES

AN ISO 9001:2015 Certified Company

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SLURRY and MUD RUBBER HOSE

IS:5137:1990 Specification

S. No	Tests	IS:5137:1990 Clause Number	Permissible Limits as per IS:5137:1990 Specification	Relevant Code for Testing Procedure/Method	Results
1	Physical Properties - Lining Before Ageing				
	Tensile Strength	Table-2,Cl.4.3.1	14.0 MPa (Min)	IS : 3400 (Part I)	15.5 MPa
	Elongation at Break	Table-2,Cl.4.3.1	500% (Min)	IS : 3400 (Part I)	520%
2	Physical Properties -Cover Before Ageing				
	Tensile Strength	Table-2,Cl.4.3.1	10.0 MPa (Min)	IS : 3400 (Part I)	12.5 MPa
	Elongation at Break	Table-2,Cl.4.3.1	300% (Min)	IS : 3400 (Part I)	360%
3	Physical Properties - Lining After Ageing @ 72h at 70 ± 1°C				
	Change in Tensile Strength %	Table-2,Cl.4.3.1	+25% (Max)	IS : 3400 (Part IV)	-18.85%
	Change in Elongation at Break in %	Table-2,Cl.4.3.1	+10/ -30 % (Max)	IS : 3400 (Part IV)	-13.94%
4	Physical Properties - Cover After Ageing @ 72h at 70 ± 1°C				
	Change in Tensile Strength %	Table-2,Cl.4.3.1	+25% (Max)	IS : 3400 (Part IV)	-16.85%
	Change in Elongation at Break in %	Table-2,Cl.4.3.1	+10/ -30 % (Max)	IS : 3400 (Part IV)	-12.94%
5	Adhesion	Table-3,Cl.4.4.1	2.0 kN/m(min)	IS : 3400 (Part IV)	2.8 kN.m

Testing Standard

: IS:5137:1990 Specification.

S. No	Tests	IS:5137:1990 Clause Number	Permissible Limits as per IS:5137:1990 Specification	Relevant Code for Testing Procedure/Method	Results
1	Hydrostatic Tests				
	Working Pressur	Table:3.Cl.4.4.1	1.0MPa	IS:443-1975	Tested and Found OK
	Proof Pressure	Table:3.Cl.4.4.1	2.0MPa	IS:443-1975	Tested and Found OK
	Brust Pressure Test	Table:3.Cl.4.4.1	3.0MPa	IS:443-1975	Tested and Found OK
	Change in Length	Table:3.Cl.4.4.1	+ 8/-8%	IS:443-1975	4.50%
	Change in diameter	Table:3.Cl.4.4.1	+ 10/-10%	IS:443-1975	4.50%
	Change in Length	Table:3.Cl.4.4.1	7.5% (max)	IS:443-1975	4.50%



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Slurry and Mud Rubber Hose as per IS:5137:1990 Specification

SI NO	Description	W.P. (kg/cm ²)	Price /Nos
1	6" X3Mtr (LG) Both End MS Flange as per ASA 150# ANSI B 16.5 Drilled	25	Rs.16200
2	6" X4Mtr (LG) Both End MS Flange as per ASA 150# ANSI B 16.5 Drilled	25	Rs.20700
3	6" X5Mtr (LG) Both End MS Flange as per ASA 150# ANSI B 16.5 Drilled	25	Rs.25200
4	6" X6Mtr (LG) Both End MS Flange as per ASA 150# ANSI B 16.5 Drilled	25	Rs.29700
5	6" X3Mtr (LG) Both End MS Flange as per ASA 150# ANSI B 16.5 Drilled	25	Rs.23100
6	6" X4Mtr (LG) Both End MS Flange as per ASA 150# ANSI B 16.5 Drilled	25	Rs.29600
7	6" X5Mtr (LG) Both End MS Flange as per ASA 150# ANSI B 16.5 Drilled	25	Rs.36100
8	6" X6Mtr (LG) Both End MS Flange as per ASA 150# ANSI B 16.5 Drilled	25	Rs.42600