

MATRIX

SYNTHETIC LEATHER

SR. NO.	TEST	UNIT	TEST MEHTOD / TEST STANDARD	SPECIFIED VALUE
1	Brand Name	.....	.....	MATRIX
2	Colour	.....	.....	As applicable
3	Pattern of Grain, Embosing & Finish	.....	.....	As applicable
4	Coating of Polymers	.....	.....	PVC
5	Base Fabric	.....	.....	Raised fabric
6	Appearance	.....	IS:1259	Shall have uniform surface finish, free from defects such as blisters, bubbles & pin holes.
			IS:8698	
			IS:7016	
7	Thickness	mm	IS:7016 (Part I) - 1982	0.90 +/- 0.10
8	Width	mm	IS:7016 (Part I) - 1982	1370 (min.)
9	Roll Length	Mtrs.	IS:7016 (Part I) - 1982	30
10	Weight of Finish Fabric	Gm/m ²	IS:7016 (Part I) - 1982	550 min
11	Adhesion of Coating		IS:7016 (Part 5) - 2003	
	Warp			2.00 min
	Weft			2.00 min
12	Resistance to heat & Loss of mass of coating at 100°C for 24 hours.	%	IS: 1259 - 1984	Shall not show stickiness & loss of weight shall not be > 4%
13	Resistance to cold	.....	SI:1259 - 1984	Shall Pass
14	Colour Fastness to Dry & wet rubbing	.....	SI:1259 - 1984	Shall Pass
15	Colour fastness to light	Rating	SI:1259 - 1984 Appendix - D	Minimum 4
16	Breaking Strength	Kgf/5cm	IS:7016 (Part II) - 1982	
	Warp			25.00 min
	Weft			15.00 min
17	Elongation at break	%	IS:7016 (Part II) - 1982	
	Warp			30.00 min
	Weft			150.00 min
18	Tear Strength	kgf	IS:2076(Appendix C, Method C2)	
	Warp			2.00 min
	Weft			2.00 min
19	Surface Resistance to chemicals	.....	SI:1259 - 1984	Shall pass
20	Resistance to damage by flexing	Cycles 3000000	IS:7016 (Part 4) - 1987 (De Mattia Method)	No cracks Observed
21	Colour Differance	dE	Spectrophotometer	< 1.0

RESPONSIVE INDUSTRIES LIMITED

Esperanca Building, 1st Floor, Shahid Bhagat Singh Road, Colaba, Mumbai 400 001, India

Tel: +91 22 6656 2727 / 6656 2704

Email: enquiry@responsiveindustries.com



ISO 18001

ISO 14001

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