

SPECIFICATION SHEET F-1 AUTOMOTIVE LEATHER

High quality automotive leather that has been known worldwide. F1 has been used for varied car seats of vehicles such as for FIAT, RENAULT and so forth It has been proven as first-rate automotive leather that has been methodically tested from fogging, flammability, bending, color migration, smell, thermal and cold impact and other tests that needed.

Thickness: 1.1 -1.3 mm
Weight: 0.070 kg/sqft
Average size: 48 sqft

Problems	Tips		
Dust	Remove gently with a clean soft cloth.		
Dried on dirt	Use dampd soft cloth, wipe away gently without rubbing the stain rigorously, then allow it to dry then apply special care agent		
Liquids	Dap immediately with a dry absorbent cloth, do not rub, follow the tips for dried on dirt		
Foods &grease	Remove immediately just like dried on dirt, in most cases grease marks will disappear in time.		
Wax (polish)	Placing blotting paper on the leather and applying a cool/moderate iron. Keep applying the iron on clean blotting paper to the wax spot until the paper is no longer absorbing the wax.		
Scratch marks	Applying a shoe renovating polish or marker pen		
No	Test Standard	Standard/Requirement	Pass Requirement
1	Thickness DIN 53326	1.1 - 1.2 MM	1.15 MM
2	Tear Strength DIN 53329 A	> 235 N/CM	350-500 N/CM
3	Longation/Tensile Strength DIN 53328	< 60%	38-58 %
4	Breaking Strength IUP 8	> 15 N	50-110 N
5	Adhesion DIN 53357	> 8 N/CM	12-14 N/CM
6	Taber abrasion Abrasion CS 10 Abrasion H18 ASTM D3884	1000 CICLES 500 CICLES	OK OK
7	Cold Impact IUP 29	-20°C	OK
8	Color Fastness to Light Test ASTM D 1148	4-5 GRAY SCALE	5
9	Bally Flex IUP 20	>20000	OK
10	Thermal Resistance 200 hs, 110°C	4-5 GRAY SCALE	4-5
13	Fogging DIN 75201	GRAVIMETRIC < 5	4.2
12	Tear Resistance (Veslic Machine) DRY WET DIN 53339	1000 CICLES 500 CICLES	GRAD SCALE PAD VARIATION
13	Color Fastness to abrasion test (Crockmeter) DRY 20 CICLES WET 20 CICLES	GRAY SCALE 4-5 GRAY SCALE 4-5	5 5
14	Fire-Proof CSE RF 4/83	100 MAX	92"
15	Mass DTSL 5101 G		928 g/m2
16	Seam fatigue Test DTSL 5101 G	<1	<1
17	Smell Test DRY WET EFB 201 (DTSM 0505)	ODOR STRENGTH DEGREE OF UNPLEASANTNESS	3 MAX , -1,5 MIN 3,5 MAX , -2 MIN
18	Humidity resistance test ISO 105 A02 (DTSL 5101 G)	MIN 4 GRAY SCALE	5
19	Color migration test DTSL 5101 G	ACIDIC AND ALKALINE PERSPIRATION SOLUTION	5
20	Resistance to H₂S₄ (Hydrogen Sulfide) DTSL 5101 G	NO ABNORMALITY	OK