

## MERIDIAN TECHNICAL SPECIFICATIONS

Meridian is semi-aniline, enhanced grain leather with a matte finish.  
As a Leathershield product, it offers excellent durability for heavy traffic areas with minimal maintenance.

PROPERTY	TEST METHOD	RESULT
Average Hide Size		50 FT2
Average Thickness	ISO 2589	0.8 - 1.0 mm
Tensile Strength	ISO 3376	10 N/mm2
Elongation at Break	ISO 3376	40-90%
Tear Strength	ISO 3377-1	>20N
Flexing Endurance (after 50,000 flex)	ISO 5402	No Damage
Color Fastness to Artificial Light (Xenotest 72 Hrs.)	UNI EN ISO 105-B02 (MET.5)	> 5 (Blue Scale)
Color Fastness to Rubbing (500 Dry Rubs, 250 Wet Rubs)	UNI EN ISO 11640:1998, 11640:1998	>4, >4 (Grey Scale)
Color Fastness to Rubbing (80 Sweat)	UNI EN ISO 11640 (pH8)	> 4 (Grey Scale)
Finishing Adhesion	ISO 11644	> 2N/Cm
Determination of Ph, Difference Figure (Only For pH < 4)	ISO 4045	>3.5, >0.7
Soil Release: Oily Stain Method (Ketchup)	AATCC 130-2015	Grade 5
Soil Release: Oily Stain Method (Veg Oil)	AATCC 130-2015	Grade 4-5
Soil Release: Oily Stain Method (Wine)	AATCC 130-2015	Grade 5
Cigarette Ignition Resistance	UFAC/NFPA 260	Class 1
Fire & Burning Behaviour (Cigarette & Match)	UNI EN ISO 1021-1/2	Pass
Ignitability BS 5852-0 (Cigarette)	BS 5852:1979	Pass
Ignitability BS 5852-1 (Match)	BS EN 1021-1-2:2006	Pass
Ignitability BS 5852-5 (Wooden Crib)	BS 5852-5	Treatable
California Technical	Cal Tech Bulletin 117-2013	Pass
Boston Fire Dept	BFD IX-I	Pass
Wyzenbeek - (Oscillatory Cylinder Method) @ 70,000 cycles	ASTM D 4157.13	Pass
REACH	1907/2006/EC	Produced in conformance with REACH directives.
MVSS ( Motor Vehicle Safety Standard No 302)	MVSS302	Pass
IMO Resolution A.652(16)	MSC 307 (88)	Pass
Water Repellency: Spray Test	AATCC 22-2010	Pass (95)
Water Resistance: Hydrostatic Pressure Test	AATCC 127-2017	(cm of water)>1000.0
Oil Repellency	AATCC 118-2020	AATCC Rating Number Pass # 3
Oil Repellency Aqueous Liquid Repellency (Water/Alcohol)	AATCC 193-2017	Grade Number 8 (50:50/water: isopropyl alcohol)
Soil Release: Oily Stain Release Method (Staining Agent: Blood)	AATCC Test Method 130-2018	Stain Release Rating: Grade 5 (Ivory Snow)
Soil Release: Oily Stain Release Method (Staining Agent: Urine)	AATCC Test Method 130-2018	Stain Release Rating: Grade 5 (Ivory Snow)
Soil Release: Oily Stain Release Method (Staining Agent: Blood)	AATCC Test Method 130-2018	Stain Release Rating: Grade 5 (10:1 Bleach solution)
Soil Release: Oily Stain Release Method (Staining Agent: Urine)	AATCC Test Method 130-2018	Stain Release Rating: Grade 5 (10:1 Bleach solution)



LeatherShield™



Antibacterial

