

COATED FABRICS AND LAMINATES FOR MILITARY, COMMERCIAL AND LAW ENFORCEMENT



DURABILITY

ProTact laminates have been developed with the most durable solution-dyed nylon fabrics available on the market today. Our advanced coating systems are also optimized for application-specific durability properties.



PROCESSIBILITY

ProTact laminates have demonstrated the ability to be easily spread and cut via laser. Additionally, they can be sewn and welded with various methods.



FUNCTIONALITY

ProTact can be enhanced with flame retardant, electrostatic dissipative, and other functional properties. Additional surface coatings can be included for non-slip or printable surfaces.

ProTact 510.1 500D / 1000D Laminate

TECHNICAL DATA

Test Description	Test Method	Units	Specification	Typical Values
Weight	ASTM D751	OSY	22-26	24
Abrasion Resistance	ASTM 3884	Cycles	700 min	Pass
Adhesion	ASTM D751	LBF / 2 in.	10 min	17
Cold Resistance	ASTM D751	P/F	Passes -40°C	Pass
Colorfastness to Crocking (dry / wet)	AATCC 8	Rating	3 min / 3 min	5 / 5
Flex	ASTM D2097	P/F	10,000 cycles / min	Pass
Hydrostatic	ASTM D751	PSI	50 min	72.5
Tensile (warp / fill)	ASTM D751	LBF	675 min / 675 min	952 / 953
Tongue Tear (warp / fill)	ASTM D2261	LBF	35 min / 30 min	71 / 75
Trap Tear (warp / fill)	ASTM D5733	LBF	90 min / 90 min	194 / 162



www.haartz.com

HAARTZ