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CT 709- ARAMID FABRIC- 200GR/SQM PLAIN

Description:

200 gr Kevlar (Aramid) Fiber Fabric 200 g/m2-plain CT709 WR-fabric KEVLAR29 or equivalent vest ballistic para-aramid woven from fibers, used in the manufacture of bulletproof vests, ballistic, 200 gr/M2 weight, high-performance, lightweight, water-repellent (WR, water iticili) Aramid Fiber Fabric. It is a fabric that has become a standard in the manufacture of bulletproof vests widely used. It is used in the manufacture of ballistic bulletproof vests, protective clothing supplements.

Technical Specifications:

DESCRIPTION:	Aramid Fabric Woven - 200gr/sqm plain WR		
SPEC TYPE	SPEC DESCRIPTIONS		DEFINITIONS
"FABRIC"	FABRIC "METRIC" SPECS:		FABRIC DEFINITIONS:
Areal Weight	gram/sq/m. =200 gr. (± 5%)		The weight of the fabric per square meter or square yard.
Roll Length/Width	meters(+/-)= 100m.(±0.5) cantimeters(+/-)= 160 cm(± 2,5%)		Roll linear length, plus+ or minus tolerance.
"WEAVE"	WEAVE DETAIL SPECS:		WEAVE DEFINITIONS:
Style / Pattern	CT 709 WATER REPELLENT /Plain		Weave style or pattern of woven fabric or material.
"FIBER"	FIBER DESCRIPTION SPECS:		FIBER DEFINITIONS:
Type / Model	WARP = "TWARON 930DTEX" WEFT = "TWARON 930DTEX"		Fiber manufacturers product or ID number.
Tow ("k" if Carbon)	N/A		Continuous filaments per fiber bundle. (K = 1000)
Filament Count	N/A		The number of filaments per tow.
Filament Diameter(micron)	N/A		The diameter of the filament.
Density	g/cm3 = 1.45		Mass per unit volume in3. Typically grams per cm cubed.
MASS (Yield)	tex (g/1000m) = 61	g/m = ND	Measurement of the amount of mass per unit length.
Tensile Strength (min) WARP/WEFT	Ksi =	Mpa =2400	The force at which fiber breaks measured by the area width.
Tensile Modulus (min) WARP/WEFT	Msi =	Gpa = 90	Measurement of the elastic stiffness.
Tensile Strain (min)	% =	3,3	Elongation of fiber at breaking point (Percentage of stretch)
Sizing Level	% =	1.20%	Percentage of chemical treatment versus total fiber weight.
Electrical Resistivity	10-3 /ohms/cm =	N/A	Electrical resistance in ohms per length specified
Carbon Assay	% =	N/A	Percentage of actual carbon content in fiber.
Specific Gravity	gm/cm3 =	1.45	Compare Density: Water has a Specific Gravity of 1.0