

TYPICAL PROPERTIES:

Supreme Protector 509W/E

100 % UHMW-PE woven fabric with EVA film coating

Weight	12.5 oz/square yard
Width	61 inches
Thickness	0.020 inches 0.508 mm
Length	50 yards/roll
Color	white standard, colors optional
Tensile	25.2 g/den
Modulus	785 g/den
Mullen Burst	not less than 1,000 pounds
Melt	+260F or higher
Cold Crack	-40F or lower
Flame Resistance	FAR 25.853 (a) Appendix F, Part 1, (a), 1(iv)
UV	highly resistant
Abrasion	63,000 cycles (Wyzenbeek)
Break Strength	not less than 1,000 pounds per inch, fill not less than 1,000 pounds per inch, warp
Trapezoid Tear	not less than 160 pounds, fill not less than 200 pounds, warp
Tongue Tear	not less than 260 pounds, fill not less than 250 pounds, warp
Chemical Resistance*	
(100% strength after 6 months)	10% detergent sea water
	hydraulic fluid kerosene
	gasoline glacial acetic acid
	10% hypophosphate perchloroethylene
	toluene 29% ammonium hydroxide
	1 M Hydrochloric acid 5 M Sodium hydroxide

*****Clorox immersion 91% strength versus 0% for**

Kevlar/Aramid

* test performed on base fabric without film coating

JHRG Manufacturing believes this information to be the best currently available. It is derived from sound scientific practices, performed by textile professionals familiar with standard testing procedures as applied to high-performance fabrics.

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TYPICAL PROPERTIES:

Polyester Main Extraction Webbing (Meets Minimum NFPA 1983 Standards)

Width	1.75 inches
Color	yellow
Melt	+450F or higher
Cold Crack	-40F or lower
UV	moderately resistant (exceeds nylon)
Break Strength	not less than 9,000 pounds
Chemical Resistance	equal or superior to nylon

Polyester Color-Coded Webbing (Meets Minimum NFPA 1983 Standards)

Width	2 inches
Color	multiple-colored---meets appropriate minimum dye tests
Melt	+450F or higher
Cold Crack	-40F or lower
UV	moderately resistant (exceeds nylon)
Break Strength	not less than 7,000 pounds
Chemical Resistance	equal or superior to nylon

UL Approved Dual Adjustable Plastic Side Release Buckles From YKK

Break Strength	between 500 and 700 pounds
Cold Crack	-40F or lower
UV	moderately resistant (exceeds nylon)
Chemical Resistance	equal or superior to nylon

Mil Spec Parachute Harness Quick Fit Adjuster Buckles

Break Strength	Approximately 11,000 pounds
Creep	Approximately 4,000+ pounds

Aquatic RT Foam Flotation

Unicellular Coated Foam to U.S. Military and USCG standards is used in the Aquatic Retriever RT/AQ for positive flotation. Cuts and tears do not affect buoyancy, rated at well over 20 pounds.