


| GENESIS®



**WITH PROVEN
ARAMID
PERFORMANCE**

GENESIS®
6.0 osy (205 gsm)

ARAMID FIBER BLEND

Inherently flame-resistant fabric with tri-blend comprised of 93% Meta-Aramid, 5% Para-Aramid, and 2% Anti-Static fiber.

ENHANCED FLEXIBILITY

GENESIS® in a twill weave provides a wide range of movement without sacrificing protection.

TOUGH AND ROBUST

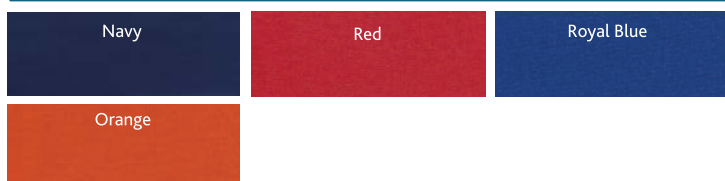
Heavy-duty garments made from Genesis fabrics retain their looks even after repeated high-temperature industrial laundering.

GENESIS®

TECHNICAL DATA		GENESIS®
Nominal Weight		6.0 osy (205 gsm)
Construction		Twill
Colors		Red, Orange, Navy, and Royal Blue
Fiber Content		Aramid, Anti-Stat
Certification/Compliant		NFPA 2112, EN ISO 11612, ASTM 1506
Flame Resistance		
Manikin Burn Predicted Body Burn	NFPA 2112 CGSB 155.20	14%
Arc Thermal Performance Value or ATPV PPE Category	NFPA 70E, ASTM 1959	6.6 cal/cm ² Category 1
Vertical Flame Initial: After flame Initial: Char Length 100x After Wash: After flame 100x After Wash: Char Length	ASTM 6413, NFPA 2112	< 2.0 sec < 4.0 in (100 mm) < 2.0 sec < 4.0 in (100 mm)
Thermal Shrinkage Initial 3x After Wash	NFPA 2112	< 10% < 10%
Strength/Durability		
Tensile Strength Initial (warp x fill)	ASTM D5043	1,202 x 592 N
Elmendorf Tear (warp x fill)	ASTM D1424	84 x 50 N
Dimensional Stability	AATCC 135	< 4.0%
Appearance		
Color Fastness Laundering Shade Change Laundering Shade Change Crocking (Score 5: Best to 1: Worst)	AATCC 61 2A AATCC 8	Up to 4-5* Up to 4*
Xenon Light Exposure After 20 hours After 40 hours After 60 hours (Score 5: Best to 1: Worst)	AATCC 16	Up to 4* Up to 3-4* Up to 3*
Pilling Resistance Initial: 60 minutes (Score 5: Best to 1: Worst)	ASTM D3512	Up to 5*

* Appearance depends on shade of fabric.

STANDARD COLOURS



OPTIONAL COLORS

TenCate Protective Fabrics, the world's textile dyeing expert, can produce almost every color with a minimum quantity of 1,000 yards. Smaller quantities can be ordered, subject to a surcharge. For more information about color-combination requirements, as well as any other information you may need, please contact us.