TUFFWELD®

ENGINEERED FOR WELDERS

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Designed to be more comfortable and easier to wear than leather, Tuffweld also delivers a better value proposition and longer wear life. Stands up to pinholes and slag and feels good on the job.

INHERENTLY HEAT AND FLAME RESISTANT

Inherent FR protection is built right into the fabric. The FR properties will last forever and cannot be removed by extended wear or repeated washing.

MULTI-FIBER PERFORMANCE

A multi-fiber construction makes Tuffweld™ less stiff and more flexible – even after daily wear and repeated launderings.

TENCATE protectivefabrics | *made for life*

TUFFWELD®

TECHNICAL DATA*			TUFFWELD® 850
Nominal Weight			8.5 osy (290 gsm)
Construction			Woven
Color			Brown
Fiber Content			Aramid, Rayon
Certification(s)			ASTM 1506, NFPA 2112
Flame Resistance			
Manikin Burn NFPA 2112	Predicted Body Burn		Pass
Arc Thermal Performance Value NFPA 70E, ASTM 1959	Arc Rating		9.2 cal/cm^2
	PPE Category		Category 2
Vertical Flame ASTM 6413, NFPA 2112	Initial and After 100x Wash	After flame	< 2.0 sec
		Char length	< 4.0 in (100 mm)
Thermal Shrinkage NFPA 2112	Initial and 3x After Wash		< 10%
Physical Testing			
Tensile Strength ASTM D5034	Initial (warp x fill)		220 x 135 lbf (975 x 600 N)
Elmendorf Tear ASTM D1424, warp x fill			20 x 16 lbf (90 x 70 N)
Dimensional Stability AATCC 135			< 3 %
Seam Strength ASTM D434, Force at 0.25 in slippage			45 lbf (200 N)
Comfort			
Air Permeability ASTM D737			25 ft^3/ft^2/min
Appearance *Score 5 (best) to 1 (Worst)			
Colorfastness	Laundering AATCC 61 2A	Shade Change	Minimum 4.0 *
	Xenon Light Exposure AATCC 16	After 40 AFU	Minimum 2.0-3.0 *
	Pilling Resistance ASTM D3512	Initial: 60 min	Minimum 2.0 *

* All values subject to final certification and specification. Tested on specific colors. Appearance is dependent on shade of fabric.

AVAILABLE COLORS

Brown

OPTIONAL COLORS

Additional color options may be available. Please contact TenCate Protective Fabrics for more information.

Color shades and textures may vary. Please contact your sales representative for swatch samples.

MADE IN USA WITH GLOBAL COMPONENTS

OEKO TEX® STANDARD 100 1807065 Centexbel

TenCate Protective Fabrics is certified according: ISO 9001 BUREAU VERITAS Certification

Corporate Social Responsibility