

HMP Flex Denim

10oz | 340gsm

92% Cotton

7% Hemp

1% Spandex



TEST METHOD		REQUIREMENTS
Fibre Content	92% Cotton, 7% Hemp, 1% Spandex	
Arc Rating (ASTM F1959)		
PPE Category	2	
Predicted Body Burn (ASTM F1930)*		- > 50% predicted body burn (NFPA 2112) - > 40% predicted body burn (CGSB 155.20)
Flammability (ASTM D6413)		- Maximum 100 mm damaged length (NFPA 2112 & CGSB 155.20) - Maximum 150 mm (ASTM F1506) - Maximum 2 second afterflame (NFPA 2112, CGSB 155.20, ASTM F1506)
Flammability after 100 washes		- Maximum 100 mm damaged length (NFPA 2112 & CGSB 155.20) - Maximum 150 mm (ASTM F1506) - Maximum 2 second afterflame (NFPA 2112, CGSB 155.20, ASTM F1506)
Thermal Shrinkage (per NFPA 2112)	Warp: -1% Filling: -1%	Maximum 10% shrinkage (NFPA 2112)
Thermal Shrinkage after laundering (per NFPA 2112)	Warp: -1% Filling: -1%	Maximum 10% shrinkage (NFPA 2112)
Heat Resistance (per NFPA 2112)	Does not melt and drip, separate or ignite	Cannot melt and drip, separate or ignite (NFPA 2112, CGSB 155.20, ASTM F1506)
HTP - spaced (per NFPA 2112)		Minimum HTP of 6 cal/cm ² (NFPA 2112)
HTP - contact (per NFPA 2112)		Minimum HTP of 3 cal/cm ² (NFPA 2112)
Dimensional Change (5 washes)	Warp: -1.5% Filling: -1.2%	Report only (ASTM F1506)
Tensile Strength (ASTM D5034)		- 7 oz: 40 lbf - 9 oz: 50 lbf (ASTM F1506)
Tear Strength (ASTM D1424)		- 7 oz: 4 lbf - 9 oz: 5 lbf (ASTM F1506)
UL listed to NFPA 2112	Yes	