



TORAY

Innovation by Chemistry

Fabric Specification

ThermGuard™ Molten Repel

Quality: **FFM 9646** Product: **ThermGuard™ Molten Repel**

Description: Brown / Ecreu, Teflon® PTFE / Meta-Aramid Quilt

Composition: 72% Teflon® PTFE, 28% Aramid

Yield: 600 g / m² (± 5%)

Useable Width: 150 cm

Picks: 41 per cm Ends: 48 per cm

	Test Method	Length	Width
Dimensional Stability, Strength & Charge Decay			
Washing 60°C	ISO 6330:2001 (5 cycles + 1 dry)	< 2.0 %	< 2.5 %
Pilling 36,000 revs.	ISO 12945-1:2001	Grade: 4/5	Grade: 4/5
Tear Strength	ISO 13937-2:2000	> 85 N.	> 130 N
Tensile Strength	ISO 13934-1:1999	> 2100 N.	> 1400 N
Abrasion (12 kPa)	ISO 12947-2:1999	> 200,000 revs.	
Charge Decay	EN 1149-3:2004	Shielding factor: 0.76 t ₅₀ < 0.01 sec.	
ISO 11612:2008 - Protective Clothing - Heat & Flame Properties			
Heat Resistance	ISO 17493:2000 at 180°C ISO 17493:2000 at 260°C	PASS - maximum shrinkage 1% PASS - maximum shrinkage 6%	
Flame Spread	ISO 15025:2000	PASS - category A1 - Face Ignition PASS - category A2 - Edge Ignition	
Convective Heat	ISO 9151:1995	PASS - grade B2 , HTI ₂₄ = 15.6 sec.	
Radiant Heat	ISO 6942:2002 method 'B'	PASS - grade C2 , RHTI ₂₄ = 23.6 sec.	
Molten Metal Splash	ISO 9185:2007	PASS - Aluminium: D3 & Iron: E3	
ISO 11611:2007 - Protective Clothing for Welding .. Heat, Flame & Spatter			Class 2
ISO 14116:2008 - Protective Clothing - Heat & Flame Properties .. Category:			3/5I/75
Arc Rating to 'Box' method EN 61482-1-2:2007			Class 2

Care Recommendations ~



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