

# TITAN 1220

Uses	<b>Outer Shell - Firefighter</b>	
Quality and Finish	<b>TITAN 1220 Repel+</b>	
Colour	<b>Paris Blue, Blue Grey, Yellow, White, Sage Green, Orange, Navy, Lime Green, Gold, Flame Red, Desert Tan</b>	
Composition	<b>89% Meta-aramid 9% Para-aramid 2% Antistatic</b>	
Construction	<b>Plain Weave Rip Stop</b>	
Conditioned Weight (gsm)	<b>220 +/- 5%</b>	<b>BS EN12127</b>
Useable Width (cms)	<b>≥ 160</b>	<b>BS EN 1773:1997</b>
Tensile Strength Warp / Weft N	<b>≥ 1150 / 1050</b>	<b>BS EN ISO 13934-1</b>
Tensile Extension Warp / Weft %	<b>≥ 40 / 30</b>	<b>BS EN ISO 13934-1</b>
Tear Strength Warp / Weft N	<b>≥ 100 / 100</b>	<b>BS EN ISO 13937-2</b>
Washing Stability Warp / Weft %	<b>≤ 3</b>	<b>ISO 5077 after 5 cycles To ISO 6330 (2A Pro E)</b>
Abrasion Resistance 12KPa 2 Broken Threads	<b>≥ 60,000</b>	<b>ISO 12947-2</b>
Pilling	<b>≥ 4</b>	<b>BS EN ISO 12945-2 4000 Cycles</b>
Flammability: Limited Flame Spread	<b>Index 3</b>	<b>EN ISO 15025 Method A</b>
Colour Fastness to Light	<b>≥ 5</b>	<b>BS EN ISO 105 B02</b>
Water Repellency	<b>&gt; 4</b>	<b>EN 24920</b>
After Care	<b>Wash at 60C Tumble Dry Hot - Do not bleach</b>	

\*Technical Specifications above relate to TITAN 1220 Paris Blue, specific details for other colours of TITAN 1220 are available on request from sales@awhainsworth.co.uk.



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# TITAN 1241

Uses	<b>Outer Shell - Police</b>	
	<b>Outer Shell - Technical Rescue &amp; EMS</b>	
Quality and Finish	<b>TITAN 1241 Repel+</b>	
Colour	<b>Paris Blue</b>	
Composition	<b>87% Meta-aramid 11% Para-aramid 2% Antistatic</b>	
Construction	<b>Plain Weave Rip Stop</b>	
Conditioned Weight (gsm)	<b>175 +/- 5%</b>	<b>BS EN12127</b>
Useable Width (cms)	<b>≥ 160</b>	<b>BS EN 1773:1997</b>
Tensile Strength Warp / Weft N	<b>≥ 800 / 750</b>	<b>BS EN ISO 13934-1</b>
Tensile Extension Warp / Weft %	<b>≥ 40 / 30</b>	<b>BS EN ISO 13934-1</b>
Tear Strength Warp / Weft N	<b>≥ 45 / 70</b>	<b>BS EN ISO 13937-2</b>
Washing Stability Warp / Weft %	<b>≤ 3</b>	<b>ISO 5077 after 5 cycles To ISO 6330 (2A Pro E)</b>
Abrasion Resistance 12KPa 2 Broken Threads	<b>≥ 55,000</b>	<b>ISO 12947-2</b>
Pilling	<b>≥ 3-4</b>	<b>BS EN ISO 12945-2 4000 Cycles</b>
Flammability: Limited Flame Spread	<b>Index 3</b>	<b>EN ISO 15025 Method A</b>
Colour Fastness to Light	<b>≥ 6</b>	<b>BS EN ISO 105 B02</b>
Water Repellency	<b>&gt; 4</b>	<b>EN 24920</b>
After Care	<b>Wash at 60C Tumble Dry Hot - Do not bleach</b>	

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# TITAN 1250

Uses	<b>Outer Shell - Firefighter</b>	
	<b>Single Layer Coverall - Police</b>	
Quality and Finish	<b>TITAN 1250 Repel+</b>	
Colour	<b>Paris Blue</b>	
Composition	<b>59% Meta-aramid 40% Para-aramid 1% Antistatic</b>	
Construction	<b>Plain Weave Rip Stop Double Cloth</b>	
Conditioned Weight (gsm)	<b>270 +/- 5%</b>	<b>BS EN12127</b>
Useable Width (cms)	<b>≥ 160</b>	<b>BS EN 1773:1997</b>
Tensile Strength Warp / Weft N	<b>≥ 2000 / 2000</b>	<b>BS EN ISO 13934-1</b>
Tensile Extension Warp / Weft %	<b>≥ 12 / 10</b>	<b>BS EN ISO 13934-1</b>
Tear Strength Warp / Weft N	<b>≥ 300 / 300</b>	<b>BS EN ISO 13937-2</b>
Washing Stability Warp / Weft %	<b>≤ 3</b>	<b>ISO 5077 after 5 cycles To ISO 6330 (2A Pro E)</b>
Abrasion Resistance 12KPa 2 Broken Threads	<b>≥ 40,000</b>	<b>ISO 12947-2</b>
Pilling	<b>≥ 3-4</b>	<b>BS EN ISO 12945-2 4000 Cycles</b>
Flammability: Limited Flame Spread	<b>Index 3</b>	<b>EN ISO 15025 Method A</b>
Colour Fastness to Light	<b>≥ 6</b>	<b>BS EN ISO 105 B02</b>
Water Repellency	<b>&gt; 4</b>	<b>EN 24920</b>
After Care	<b>Wash at 60C Tumble Dry Hot - Do not bleach</b>	

\*Technical Specifications above relate to TITAN 1250 Paris Blue, specific details for other colours of TITAN 1250 are available on request from [sales@hainsworthprotectives.co.uk](mailto:sales@hainsworthprotectives.co.uk).



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# TITAN 1260

Uses	<b>Outer Shell - Firefighter</b>	
Quality and Finish	<b>TITAN 1260 Repel+</b>	
Colour	<b>Black and Gold</b>	
Composition	<b>45% Para-aramid 23% Meta-aramid 30% PBI 2% Antistatic</b>	
Construction	<b>Plain Weave Rip Stop</b>	
Conditioned Weight gsm	<b>220 +/- 5%</b>	<b>BS EN12127</b>
Useable Width cms	<b>≥ 160</b>	<b>BS EN 1773:1997</b>
Tensile Strength Warp / Weft N	<b>≥ 2000 / 2000</b>	<b>BS EN ISO 13934-1</b>
Tensile Extension Warp / Weft %	<b>≥ 18 / 7</b>	<b>BS EN ISO 13934-1</b>
Tear Strength Warp / Weft N	<b>≥ 165 / 165</b>	<b>BS EN ISO 13937-2</b>
Washing Stability Warp / Weft %	<b>≤ 3</b>	<b>ISO 5077 after 5 cycles To ISO 6330 (2A Pro E)</b>
Abrasion Resistance 12KPa 2 Broken Threads	<b>≥ 30,000</b>	<b>ISO 12947-2</b>
Pilling	<b>≥ 4</b>	<b>BS EN ISO 12945-2 4000 Cycles</b>
Flammability: Limited Flame Spread	<b>Index 3</b>	<b>EN ISO 15025 Method A</b>
Colour Fastness to Light	<b>≥ 5</b>	<b>BS EN ISO 105 B02</b>
Water Repellency	<b>&gt; 4</b>	<b>EN 24920</b>
After Care	<b>Wash at 60C Tumble Dry Hot - Do not bleach</b>	

\*Technical Specifications above relate to TITAN 1260 Black Gold, specific details for other colours of TITAN 1260 are available on request from [sales@hainsworthprotectives.co.uk](mailto:sales@hainsworthprotectives.co.uk).



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