Product Data Sheet

TBA Protective Technologies
Unit 3 Transpennine Trading Estate,
Gorrells Way, Rochdale, Lancashire, OL11 2PX
T: +44 (0) 1706 647 422
F: +44 (0) 1706 354 295
E: info@tba-pt.com
Website: www.tba-pt.com
Company Registration No. 10802158
VAT No. 311 5222 59
Registered Office Summit, Littleborough, Lancashire, OL15 0LR

KCA7700

Applications:	Protective clothing
Description:	Laminate formed from aramid fabric and TBA's highly-reflective metallised film
Colour:	Inner surface yellow, outer surface reflective aluminium
Features & Benefits:	Heavy duty Includes moisture resistant elastomeric primer Incorporates an effective multi-layer metallised polyester film for radiant heat protection Offers protection against molten iron
Weave Style:	Plain
Total Weight:	820 g/m²
Thickness:	1.5 mm
Roll Width:	100 cm
Roll Length:	50 m
Garment Care:	Wipe clean only; do not launder. Keep the fabric as dry as possible. Ensure damp garments are dried as promptly and thoroughly as possible between uses.
Service Temperature (°C)	
Continuous	300 static, 150 flexed
Short Term	450
Adhesive	The lamination adhesive is organic, flame retardant, self-extinguishing system. It degrades slowly at 150°C and carbonises above 250°C

Test Results:

Tests Under ISO11612:2008 Protective Clothing, Clothing to Protect Against Heat & Flame

Heat Resistance at 180°C	ISO17493:2000	Pass
Flame Spread – (Code letter A) Face Ignition (Aluminised & Fabric surfaces)	ISO15025:2000 Procedure A	Pass A1
Tensile Strength	ISO13934-1:1999	Pass
Tear Strength	ISO13937-2:2000	Pass
pH Value	ISO3071:2005	Pass
Convective Heat (Code letter B)	ISO9151:1995	Level B2
Radiant Heat (Code letter C)	ISO6942:2002 Method B at 20kW/m²	Level C3
Molten Iron Splash (Code letter E)	ISO9185:2007	Level E3
Contact Heat (Code letter F)	ISO12127:1996 T_c = 250°C	Level F2