

FLASH HAZARD PPE CLASS VS. INCIDENT ENERGY

HRC (Hazard Risk Class)	Required Minimum ATPV (arc thermal protection value)
0	2 CAL / CM²
1	4 CAL / CM²
2	8 CAL / CM²
3	25 CAL / CM²
Authority to operate at this HRC must be given in writing by a Senior CBRE AE	
4	40 CAL / CM²
CBRE are not authorised to operate at this HRC, all work to be undertaken dead or by a specialist contractor	

CATEGORY 0 PPE KIT 2 CAL / CM²

 All items to have minimum Arc Thermal Protection Value (ATPV) of 2 cal / cm²

ITEM & DESCRIPTION	IMAGE
Item Sku: 2601225 100% Cotton Briefs Colour: Navy	
Item Sku: 2203570 100% Cotton Socks Colour: Navy	
Item Sku: 2200261 100% Cotton Long Sleeve T-Shirt Colour: Black	
Item Sku: 2203569 100% Cotton Combat Trousers Colour: Black	
Item Sku: 1301136 Safety Spectacles Colour: Clear Lens	

CATEGORY 0 PPE KIT 2 CAL / CM²

 All items to have minimum Arc Thermal Protection Value (ATPV) of 2 cal / cm²

ITEM & DESCRIPTION	IMAGE
Item Sku: 1201300 Ear Plugs Colour: Green	
Item Sku: 1010381 Arc Flash Driver Glove Colour: Tan Cal Rating: 36	
Item Sku: 6220017 CBRE / Arc PPE Branded Holdall Colour: Black Holdall Size: 75x35x30cm	
Item Sku: 1751239 Arc Flash Balaclava Colour: Navy Cal Rating 5.9	

CATEGORY 1 PPE KIT 4 CAL / CM²

 All items to have minimum Arc Thermal Protection Value (ATPV) of 4 cal / cm²

ITEM & DESCRIPTION	IMAGE
Item Sku: 2200261 100% Cotton Long Sleeve T-Shirt Colour: Black	
Item Sku: 2203569 100% Cotton Combat Trousers Colour: Black	
Item Sku: 1301136 Safety Spectacles Colour: Clear Lens	
Item Sku: 1201300 Ear Plugs Colour: Green	
Item Sku: 1010381 Arc Flash Driver Glove Colour: Tan Cal Rating: 36	
Item Sku: 6220018 CBRE / Arc PPE Branded Holdall Colour: Black Holdall Size: 75x35x30cm	

CATEGORY 1 PPE KIT 4 CAL / CM²

 All items to have minimum Arc Thermal Protection Value (ATPV) of 4 cal / cm²

ITEM & DESCRIPTION	IMAGE
Item Sku: 1751239 Arc Flash Balaclava Colour: Navy Cal Rating 5.9	
Item Sku: 2801062 Long Sleeve Arc Flash Polo Shirt Colour: Navy Cal Rating: 6.2	
Item Sku: 2203528 Arc Flash Trousers Colour: Anthracite Grey Cal Rating: 13	
Item Sku: 2801063 Arc Flash Coverall Colour: Navy Cal Rating 13.8	
Item Sku: 1102092 Helmet & Green Screen Colour: White & Green Cal Rating (for screen only): 10.1	

CATEGORY 2 PPE KIT 8 CAL / CM²

 All items to have minimum Arc Thermal Protection Value (ATPV) of 8 cal / cm²

ITEM & DESCRIPTION	IMAGE
Item Sku: 2200261 100% Cotton Long Sleeve T-Shirt Colour: Black	
Item Sku: 2203569 100% Cotton Combat Trousers Colour: Black	
Item Sku: 1201300 Ear Plugs Colour: Green	
Item Sku: 1010381 Arc Flash Driver Glove Colour: Tan Cal Rating: 36	
Item Sku: 6220019 CBRE / Arc PPE Branded Holdall Colour: Black	

CATEGORY 2 PPE KIT 8 CAL / CM²

 All items to have minimum Arc Thermal Protection Value (ATPV) of 8 cal / cm²

ITEM & DESCRIPTION	IMAGE
Item Sku: 2801062 Long Sleeve Arc Flash Polo Shirt Colour: Navy Cal Rating: 6.2	
Item Sku: 2203528 Arc Flash Trousers Colour: Anthracite Grey Cal Rating: 13	
Item Sku: 2801063 Arc Flash Coverall Colour: Navy Cal Rating: 13.8	
Item Sku: 1102092 Helmet & Green Screen Cal Rating (for screen only): 10.1	
Item Sku: 2801066 Hood Cal Rating: 37.2 cal/cm ²	
Item Sku: 1751237 Black Arc Flash Leather Safety Boots New Electrical SB E P WRU HRO FO SRC 18000 Volts	

CATEGORY 3 PPE KIT 25 CAL / CM²

All items to have minimum Arc Thermal Protection Value (ATPV) of 25 cal / cm²
Authority to operate at this HRC must be given in writing by a Senior CBRE AE

ITEM & DESCRIPTION	IMAGE
Item Sku: 2200261 100% Cotton Long Sleeve T-Shirt Colour: Black	
Item Sku: 2203569 100% Cotton Combat Trousers Colour: Black	
Item Sku: 1301136 Safety Spectacles Colour: Clear Lens	
Item Sku: 1201300 Ear Plugs Colour: Green	
Item Sku: 1010381 Arc Flash Driver Glove Colour: Tan Cal Rating: 36	
Item Sku: 6220020 CBRE / Arc PPE Branded Holdall Colour: Black	
Item Sku: 1751239 Arc Flash Balaclava Colour: Navy Cal Rating: 5.9	

CATEGORY 3 PPE KIT 25 CAL / CM²

All items to have minimum Arc Thermal Protection Value (ATPV) of 25 cal / cm²
Authority to operate at this HRC must be given in writing by a Senior CBRE AE

ITEM & DESCRIPTION	IMAGE
Item Sku: 2801062 Long Sleeve Arc Flash Polo Shirt Colour: Navy Cal Rating 6.2	
Item Sku: 2203528 Arc Flash Trousers Colour: Anthracite Grey Cal Rating: 13	
Item Sku: 2801063 Arc Flash Coverall Colour: Navy Cal Rating: 13.8	
Item Sku: 1102092 Helmet & Green Screen Colour: White & Green Cal Rating (for screen only): 10.1	
Item Sku: 2801066 Hood Cal Rating: 37.2 cal/cm ²	
Item Sku: 1751237 Black Arc Flash Leather Safety Boots New Electrical SB E P WRU HRO FO SRC 18000 Volts	