

SALISBURY

by Honeywell

ARC TESTING GLOVE CHART



RESULTS OF ARC FLASH TESTING ON RUBBER INSULATING GLOVES			
CLASS & TYPE	GLOVE COLOR	ATPV GLOVE ONLY Cal/cm ²	Ebt IGNITION 50% Cal/cm ²
00 - I	BLACK	20	31
00 - I	RED	6	28
00 - II	BLUE	11	28
0 - I	BLACK	25	48
0 - I	RED	7	31
0 - I	YELLOW	19	42
0 - II	BLUE	14	34
2 - I	BLACK	93	93
2 - I	BLACK/RED	34	41

Note 1 – ATPV; Value assigned to materials that describes their performance to exposure to an electric arc discharge. The rating is expressed in cal/cm² and is derived from the value of the Arc Thermal Performance Value.

Note 2 – Ebt; The incident energy on a material or material system that results in a 50% probability of Breakopen.

Note 3 – The limiting factor for Class 00, 0 and 2 rubber gloves is the Etb/Ignition 50%.

Note 4 – The limiting factor for the Class 2 Black rubber glove is the calorimeters in the test method, measuring the incident energy.

Note 5 – While the protectors tested were new, when placed in service they are subjected to a wide variety of contaminates, e.g. pole preservatives, oils, contact grease, and other petroleum products; that may compromise the results of the new protector test and may significantly lower the new cal/cm² value. For that reason we only present the results of the Gloves only.