



ESTEX

WHERE IDEAS BECOME SOLUTIONS

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“MAD” (MINIMUM APPROACH DISTANCES) GLOVE BAGS

PROVIDE AN EXTRA MEASURE OF SAFETY BY KEEPING AT YOUR FINGER TIPS YOUR **MINIMUM APPROACH DISTANCE**



DURABLE CANVAS DUCK W/ SNAP CLOSURES	
STANDARD GLOVE BAGS	GLOVE BAG MEASUREMENTS
2210-MAD	8”L X 2”W X 12”H (FITS UP TO 11” GLOVES)
2220-MAD	8”L X 4”W X 15”H (FITS UP TO 14” GLOVES)
2223-MAD	8”L X 4”W X 18”H (FITS UP TO 16” GLOVES)
2226-MAD	8”L X 4”W X 20”H (FITS UP TO 18” GLOVES)

MINIMUM APPROACH DISTANCES ensure that workers do not approach or take any conductive object closer to the energized parts. Compliance can be accomplished using the following:

- USE OF OSHA REGULATION 1910.269(I)10, TABLE R-6
- USE OF THE NATIONAL SAFETY ELECTRIC CODE, 2012 EDITION, TABLE 441-1 AND 441-2
- USE OF ARC FLASH CALCULATIONS DERIVED BY THE USER BASED ON THEIR OWN RISK ASSESSMENT

**RUBBER GLOVE BAG ONLY
DO NOT**

STORE TOOLS OR OTHER MATERIAL WITH YOUR GLOVES

REQUIRED MINIMUM APPROACH DISTANCE FROM UNCOVERED CONDUCTORS, PHASES, OR EQUIPMENT		
VOLTAGE BETWEEN PHASES	PHASE TO GROUND EXPOSURE	PHASE TO PHASE EXPOSURE
50-750 VOLTS	AVOID CONTACT	AVOID CONTACT
2 - 15 kv	2 feet 1 inch	2 feet 2 inch
34 kv	2 feet 4 inch	2 feet 7 inch
69 kv	3 feet	3 feet 6 inch
138 kv	3 feet 7 inch	4 feet 11 inch
220 kv	5 feet 3 inch	7 feet 6 inch
345 kv	8 feet 6 inch	12 feet 6 inch
550 kv	11 feet 3 inch	18 feet 1 inch
765 kv	14 feet 11 inch	26 feet

CITED FOR YOUR CONVENIENCE IS TABLE R-6 FOUND IN OSHA 190.269(i)(10).

NOMINAL VOLTAGE IN KILOVOLTS	DISTANCE: PHASE TO GROUND EXPOSURE	PHASE TO PHASE EXPOSURE
0.05 TO 1.0	AVOID CONTACT	AVOID CONTACT
1.1 TO 15.0	2’-1” (0.64 M)	2’-2” (0.66 M)
15.1 TO 36.0	2’-4” (0.72 M)	2’-7” (0.77 M)
36.1 TO 46.0	2’-7” (0.77 M)	2’-10” (0.85 M)
46.1 TO 72.5	3’-0” (0.90 M)	3’-6” (1.05 M)
72.6 TO 121	3’-2” (0.95 M)	4’-3” (1.29 M)
138 TO 145	3’-7” (1.09 M)	4’-11” (1.50 M)
161 TO 169	4’-0” (1.22 M)	5’-8” (1.71 M)
230 TO 242	5’-3” (1.59 M)	7’-6” (2.27 M)
345 TO 362	8’-6” (2.59 M)	12’-6” (3.80 M)
500 TO 550	11’-3” (3.42 M)	18’-1” (5.50 M)
764 TO 800	14’-11” (4.53 M)	26’-0” (7.91 M)