

ELECTRICALLY INSULATED LIFTS

Bailey has developed an insulation package for most Aerial Work Platform brands consisting of a fiberglass boom assembly and a wireless or fiberoptic interface between the platform and ground controls. Our team of Professional Engineers have designed over 25 systems on boom lifts and scissor lifts.

Insulated regulations are identified in ANSI A92.2 with the Voltage Rating Table shown below. Call us for application information.

Unit Rating	Required 60 Hertz Rated Voltage Test		Required 60 Hertz Double-Rated Voltage Test		Either of These Withstand Tests	
	One Minute Test Voltage (rms kV)	Maximum Allowable Boom Current (rms microamperes)	One Minute Test Voltage (rms kV)	Maximum Allowable Boom Current (rms microamperes)	60 Hertz Two (2) Second Withstand Voltage Test (rms kV)	Switching Surge Withstand Voltage Test (crest kV)
46 & below	27	27	54	54	80	114
69	40	40	80	80	120	170
138	80	80	160	160	240	340
230	133	133	265	265	400	565
345	200	200	400	400	600	850
500	288	288	578	578	720	1020
765	442	442	885	885	1105	1560