

Specifications

Conditions of Sale

STANDARD: Seller's standard conditions of sale set forth in Price Sheet 150 apply.

SPECIAL TO THIS PRODUCT:

SPECIFICATION NOTES: S&C Universal Poles and Pole Extensions are constructed of a fine-weave unidirectional electrical-grade fiberglass laminate applied to a unicellular foam core and finished with a hard-gloss porosity-free epoxy sealer. They are specially designed to provide sure, steady handling of S&C equipment as well as other makes of power fuses, disconnects, interrupter switches, and cutouts. Wall thicknesses specified in the tables on page 3 exceed those of conventional poles, where required, to achieve appropriate strength and rigidity.

The entire length of each S&C Universal Pole and Pole Extension is tested at 100 kV per foot for five minutes in compliance with Occupational Safety and Health Standard 1926.951.

All S&C Universal Poles are equipped with standard universal splined heads fitted with stainless-steel cap screws, washers, and nuts.

PACKING NOTE: Poles are packed separate from fittings.

How to Order Handling Tools

A complete handling tool consists of:

- a fitting,
- a universal pole and, occasionally,
- a pole extension.

To select a fitting for a given application, refer to the Selector Chart in Descriptive Bulletin 851-30. Note that for each handling problem, the best tool for the job is so marked. This is the ideal selection, especially when the tool is to be kept at a substation for a specific handling-tool application. For the line truck, however, a compromise may be in order. Perhaps an alternate tool should be selected so that alternate uses of that tool will increase its usefulness on the line truck.

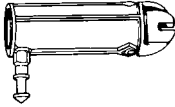

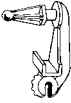



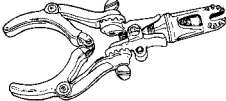
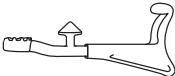
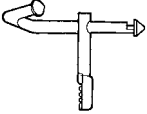
So far as selecting the correct universal pole is concerned, the height of the equipment to be handled governs. Pole extensions can be used to permit shorter universal poles to be carried in the truck. Moreover, they simplify fuse handling operations when a change in pole length is required to complete the operation. Refer to Descriptive Bulletin 851-30.

Obtain the catalog number of the desired fitting, universal pole, or universal pole extension from the tables on pages 2 and 3.

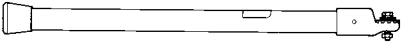

★ S&C Handling Tools are manufactured in accordance with a quality system certified to ISO 9001.



Fittings

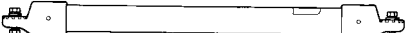
Item	Illustration	Catalog Number
Large Round Socket		4407R4
Small Round Socket		4408R4
Locking Prong		4404
Distribution Prong		4416
Station Prong		4402R2
Large Clamp		4410R3
Extra-Large Clamp		4424
Grappler™		4423R1
Talon™		4440

Universal Poles—Single-Head Style

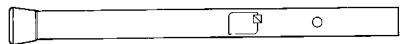
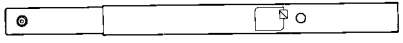
Illustration	Diameter, Inches (mm)	Length, Feet (m)	Wall Thickness, Inches (mm), Nominal	Catalog Number
	1¼ (32)	4 (1.2)	0.100 (2.5)	4451R2-E
		6 (1.8)	0.100 (2.5)	4452R2-E
		8 (2.4)	0.100 (2.5)	4453R2-E
	1½ (38)	6 (1.8)	0.100 (2.5)	4202R2-E
		8 (2.4)	0.100 (2.5)	4203R2-E
		10 (3.0)	0.100 (2.5)	4204R2-E
		12 (3.7)	0.100 (2.5)	4205R2-E
	1¾ (45)	14 (4.3)	0.145 (3.7)	4476R2-E
		16 (4.9)	0.145 (3.7)	4477R2-E
		18 (5.5)	0.145 (3.7)	4478R2-E
		20 (6.1)	0.145 (3.7)	4479R2-E
		1¾ (45), with Male Pin-Lock Coupling ^①	6 (1.8)	0.120 (3.0)
8 (2.4)			0.120 (3.0)	4472-E
10 (3.0)			0.145 (3.7)	4473-E
12 (3.7)			0.145 (3.7)	4474-E
14 (4.3)			0.145 (3.7)	4475-E

① For use with pole extension.

Universal Poles—Double-Head Style

Illustration	Diameter, Inches (mm)	Length, Feet (m)	Wall Thickness, Inches (mm), Nominal	Catalog Number
	1½ (38)	4 (1.2)	0.100 (2.5)	4301R2-E
		6 (1.8)	0.100 (2.5)	4302R2-E
		8 (2.4)	0.100 (2.5)	4303R2-E
		10 (3.0)	0.100 (2.5)	4304R2-E

Pole Extensions^①

Illustration	Diameter, Inches (mm)	Length, Feet (m)	Wall Thickness, Inches (mm), Nominal	Catalog Number
	1¾ (45), with Female Pin-Lock Coupling	6 (1.8)	0.145 (3.7)	4496-E
		8 (2.4)	0.145 (3.7)	4497-E
	1¾ (45), with Male and Female Pin-Lock Coupling	6 (1.8)	0.145 (3.7)	4498-E
		8 (2.4)	0.145 (3.7)	4499-E

① For use with universal poles equipped with male coupling as listed above.

