

HOTSTICKS & TOOLS



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FIBERGLASS HOTSTICKS STANDARD SPECIFICATIONS

There are a variety of Fiberglass Reinforced Plastic (FRP) constructions used for hotsticks. Included are foam filled tubular sticks used for all products requiring solid construction. All Salisbury fiberglass sticks meet ASTM F711 Standard Specifications for FRP and tubes used in live line tools and IEC 855.

Foam filled hotsticks are manufactured using the pultrusion process. This method incorporates fiberglass reinforcement in a resin matrix which creates a moisture resistant laminate with excellent electrical and mechanical properties.

Hotstick production is 100% electrically proof tested. Hotstick blanks must pass a test of 100 kV/12" (305 mm) for 5 minutes without detectable heating prior to being accepted. Hot Stick blanks conform with ASTM F711 requirements.



Foam Filled Hot Stick

LIVE LINE WORK MINIMUM APPROACH DISTANCE

NOMINAL VOLTAGE KV	EXPOSURE DISTANCE ft.-in (m)	
	PHASE TO GROUND	PHASE TO PHASE
.05 to 1	AVOID CONTACT	AVOID CONTACT
1.1 to 15	2-1 (.64)	2-2 (.66)
15.1 to 36	2-4 (.72)	2-7 (.77)
36.1 to 46	2-7 (.77)	2-10 (.85)
46.1 to 72.5	3-0 (.9)	3-6 (1.05)
72.6 to 121	3-2 (.95)	4-3 (1.29)
138 to 145	3-7 (1.09)	4-11 (1.5)
161 to 169	4-0 (1.22)	5-8 (1.71)
230 to 242	5-3 (1.59)	7-6 (2.27)
345 to 362	8-6 (2.59)	12.6 (3.8)
500 to 550	11-3 (3.42)	18-1 (5.5)
765 to 800	14-11 (4.53)	26-0 (7.91)

- These distances take into consideration the highest switch surge an employee will be exposed to on any system with air as the insulating medium and the maximum voltage shown.
- The clear live-line total distances shall equal or exceed the values for the indicated voltage ranges.

FAQ

Q: Are rescue sticks required to be periodically electrically tested?

A: Yes, see OSHA 1910.269(j) for specific testing requirements.



Side Opening Hook



9840 Splined Universal Head

External Rod Clampstick

- TOUGH THERMOPLASTIC HEAD FERRULE
- EZ GRIP PLASTIC HAND GRIP
- WIDE OPENING 15/16" (23.8 MM)
- STAINLESS STEEL HOOK
- HEAVY DUTY RUBBER END CAP

EXTERNAL ROD CLAMPSTICKS are constructed of closed cell foam-filled tubular fiberglass in accordance with ASTM standard F711. The hook's operating rod, made of solid 3/8" (9.5 mm) dia. fiberglass, is mounted on the exterior of the tool so that it can be easily wiped down prior to use.

These Clampsticks meet ASTM F1825 Standards.

CAT. NO.	LENGTH		WEIGHT EA. lbs. (kgs)
	feet	meters	
EXTERNAL ROD CLAMPSTICK			
4007*	4' 8"	1.32	4.2 (1.9)
4008*	5' 8"	1.62	4.6 (2.1)
4009*	6' 8"	1.93	5.2 (2.4)
4010*	8' 8"	2.54	6.2 (2.8)
4011*	10' 8"	3.15	7.0 (3.2)
4012*	12' 8"	3.76	7.7 (3.5)
4013*	14' 8"	4.37	9.4 (4.3)

EXTERNAL ROD CLAMPSTICK - PLAIN CAP

8106C	6'6"	1.98	5 (2.27)
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*Add a "9864" suffix for a Switch Stick Head or a "9840" suffix for a Splined Universal Head. Clamp sticks may be ordered with these fittings attached to the end by adding the appropriate suffix to the catalog number.

UNIVERSAL SWITCH STICKS

One, two and three section hotsticks have a standard splined universal head. 1.25" dia. switch sticks are supplied with a #9971 Prong. A Heavy Duty Disconnect Prong #9969 is supplied on all others.



9969 Prong



9971 Prong



Universal Switch Stick

CAT. NO.	DIMENSIONS: DIA. X LENGTH		WEIGHT EA. lbs. (kgs)
	in x ft.	mm x m	
ONE SECTION			
4213	1.25 x 4	31.7 x 1.2	2.6 (1.2)
4214	1.25 x 6	31.7 x 1.8	3.4 (1.5)
4215	1.25 x 8	31.7 x 2.4	4.1 (1.9)
4216	1.25 x 10	31.7 x 3	4.9 (2.2)
4217	1.25 x 12	31.7 x 3.6	5.6 (2.5)
4218	1.25 x 14	31.7 x 4.3	6.4 (2.9)
4219	1.5 x 8	38.1 x 2.4	5.4 (2.5)
4220	1.5 x 10	38.1 x 3	6.5 (3)
4221	1.5 x 12	38.1 x 3.6	7.5 (3.4)
4222	1.5 x 14	38.1 x 4.3	8.6 (3.9)
4223	1.5 x 16	38.1 x 4.9	9.8 (4.3)
4225	1.5 x 20	38.1 x 6	11.7 (5.3)

CAT. NO.	OAL Length		Top		Bottom		Weight	
	ft.	m	in. x ft.	mm x m	in. x ft.	mm x m	lbs.	(kgs)
4036	8	2.4	1.25 x 4	31.7 x 1.2	1.25 x 4	31.7 x 1.2	4.2	(1.9)
4037	10	3	1.25 x 5	31.7 x 1.5	1.25 x 5	31.7 x 1.5	5.2	(2.2)
4038	12	3.6	1.25 x 6	31.7 x 1.8	1.5 x 6	38.1 x 1.8	6.9	(3.1)
4039	14	4.3	1.25 x 6	31.7 x 1.8	1.5 x 8	38.1 x 2.4	7.9	(3.1)
4040	16	4.9	1.25 x 8	31.7 x 2.4	1.5 x 8	38.1 x 2.4	8.6	(3.9)
4041	18	5.5	1.25 x 8	31.7 x 2.4	1.5 x 10	38.1 x 3	9.6	(4.4)
4042	20	6	1.25 x 10	31.7 x 3	1.5 x 10	38.1 x 3	10.4	(4.7)

CAT. NO.	OAL Length		Top		Bottom		Weight	
	ft.	m	in. x ft.	mm x m	in. x ft.	mm x m	lbs.	(kgs)
4043	12	3.6	1.25 x 4	31.7 x 1.2	1.5 x 4	38.1 x 1.2	7.7	(3.5)
4044	15	4.6	1.25 x 5	31.7 x 1.5	1.5 x 5	38.1 x 1.5	9.1	(4.1)
4045	18	5.5	1.25 x 6	31.7 x 1.8	1.5 x 6	38.1 x 1.8	10.5	(4.7)
4046	20	6	1.25 x 8	31.7 x 2.4	1.5 x 6	38.1 x 1.8	16.5	(7.5)

HEAD ONLY								
CAT. NO.	OAL Length		Top		Bottom		Weight	
	ft.	m	in. x ft.	mm x m	in. x ft.	mm x m	lbs.	(kgs)
9840	1.25		31.7		Universal Head		0.2	(0.1)
9841	1.5		38.1		Universal Head		0.3	(0.1)

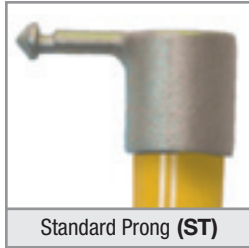


FRP Splices with Button

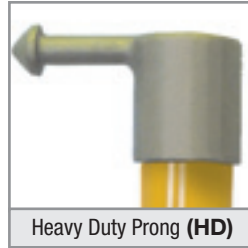
FIBERGLASS HOT SWITCH STICKS



Fiberglass Hot Switch Stick



Standard Prong (ST)



Heavy Duty Prong (HD)

SWITCH STICKS use closed cell foam filled tubular fiberglass made in accordance with ASTM Standard F711. Both the standard head and the heavy duty prong disconnect are made of durable high strength aluminum bronze alloy.

CAT. NO.		DIMENSIONS: DIA. X LENGTH		WEIGHT EA.	
HD	ST	in x ft.	mm x m	lbs.	(kgs)
ONE SECTION					
9950	9933	1.25 x 4	31.7 x 1.2	2.1	(1)
9951	9934	1.25 x 6	31.7 x 1.8	2.9	(1.3)
9952	9935	1.25 x 8	31.7 x 2.4	3.6	(1.6)
9953	9936	1.25 x 10	31.7 x 3	4.4	(2)
9954	9937	1.25 x 12	31.7 x 3.6	5.1	(2.3)
9955	9938	1.25 x 14	31.7 x 4.3	5.9	(2.7)
9956	9939	1.5 x 8	38.1 x 2.4	5	(2.3)
9957	9940	1.5 x 10	38.1 x 3	6	(2.7)
9958	9941	1.5 x 12	38.1 x 3.6	7	(3.2)
9959	9942	1.5 x 14	38.1 x 4.3	8.1	(3.7)
9960	9943	1.5 x 16	38.1 x 4.9	9.1	(4.1)
9961	9944	1.5 x 18	38.1 x 5.5	10.2	(4.6)
9962	9945	1.5 x 20	38.1 x 6	11.2	(5.1)

TWO SECTION

		OAL Length		Top		Bottom		Weight lbs. (kgs)
		ft.	m	in. x ft.	mm x m	in. x ft.	mm x m	
4024	-	8	2.4	1.25 x 4	31.7 x 1.2	1.25 x 4	31.7 x 1.2	3.8 (1.7)
4025	-	10	3	1.25 x 5	31.7 x 1.5	1.25 x 5	31.7 x 1.5	4.6 (2.1)
4026	4016	12	3.6	1.25 x 6	31.7 x 1.8	1.25 x 6	31.7 x 1.8	5.3 (2.4)
-	4017	14	4.3	1.25 x 7	31.7 x 2.1	1.25 x 7	31.7 x 2.1	6.1 (2.7)
4028	4018	16	4.9	1.25 x 8	31.7 x 2.4	1.5 x 8	38.1 x 2.4	8 (3.6)
4029	-	18	5.5	1.25 x 8	31.7 x 2.4	1.5 x 10	38.1 x 3	9.5 (4.3)
4030	-	20	6	1.25 x 10	31.7 x 3	1.5 x 10	38.1 x 3	10.3 (4.6)

THREE SECTION

		OAL Length		Top		Bottom		Weight lbs. (kgs)
		ft.	m	in. x ft.	mm x m	in. x ft.	mm x m	
4033	-	18	5.5	1.25 x 6	31.7 x 1.8	1.5 x 6	38.1 x 1.8	10.4 (4.7)
4034	4035	20	2	1.25 x 8	31.7 x 2.4	1.5 x 6	38.1 x 1.8	11.1 (5)

HEAD ONLY

-	9864	-	-	1.25	31.7	Universal Head		0.4 (0.2)
9861	-	-	-	1.5	38.1	Universal Head		0.5 (0.2)

UNIVERSAL SWITCH STICKS & ACCESSORIES

DOUBLE ENDED & TIE HEADS

FRP SLEEVE SPLICES are fiberglass reinforced plastic with spring loaded push buttons. They sectionize long sticks for easy storage. For splice stick assemblies other than those listed in the catalog consult the factory for quotations.

SPLICE GUARDS reduce the damage to the end of spliced sticks when working with only the top sections.

These foam filled FRP Hot Sticks are manufactured using a pultrusion process that results in a product with extremely high electrical and mechanical qualities.



4182 Cap Splice Guard



FRP Splices with Button

CAT. NO.	DIMENSIONS		WEIGHT EA. lbs. (kgs)
	in.	mm	
FRP SLEEVE SPLICES			
9898	1.25 to 1.25	31.7 to 31.7	0.4 (0.2)
9897	1.5 to 1.25	38.1 to 31.7	0.8 (0.4)
9899	1.5 to 1.5	38.1 to 38.1	0.9 (0.4)

SPLICE GUARD CAP

4182	1.25 I.D.	31.7 I.D.	0.2 (0.10)
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CAT. NO.	DIMENSIONS: DIA. X LENGTH		WEIGHT EA. lbs. (kgs)
	in. x ft.	mm x m	

DOUBLE ENDED UNIVERSAL

4230	1.25 x 6	31.7 x 1.8	3.3 (1.5)
4231	1.25 x 8	31.7 x 2.4	4 (1.8)
4232	1.25 x 10	31.7 x 3	4.8 (2.2)
4233	1.25 x 12	31.7 x 3.6	5.5 (2.5)
4234	1.25 x 14	31.7 x 4.3	6.3 (2.8)

UNIVERSAL W/ ROTARY PRONG OR BLADE

4084 Rotary Prong	1.25 x 6	31.7 x 1.8	3.8 (1.7)
4085 Rotary Prong	1.25 x 8	31.7 x 2.4	4.5 (2)

UNIVERSAL W/ DOUBLE PRONG

4088	1.25 x 6	31.7 x 1.8	3.8 (1.7)
4089	1.25 x 8	31.7 x 2.4	4.5 (2)



4084 Rotary Prong



4088 Double Prong Head



Double Ended Universal Switch Stick



Quick Change Head

FIBERGLASS HANDLES are manufactured in accordance with the following specifications: ASTM F711, OSHA 1910.269 (j), and OSHA 1926.951(d). All handles are made from pultruded, smooth, foam-filled fiberglass. Safety yellow is the primary fiberglass color. It is recommended that handles be wiped clean with a silicote cloth before and after every use.

The most commonly used combinations are shown below. Other lengths are available. Bags are not included but are available.

The **8900** rain guard is a yellow molded EPDM shield held in place with a hose clamp. Rain guards fit over 1-1/4" to 1-1/2" (3.2 cm to 3.8 cm) diameter handles and provide a dry handle area if the sticks are used in the rain.

CAT. NO.	DIAMETER X OVERALL LENGTH	WEIGHT lbs. (kgs)
CAP & THREADED FERRULE		
10078CH	1" x 6'6" (2.5 cm x 1.98 m)	2 (0.91)
10096CH	1" x 8' (2.5 cm x 2.44 m)	2 (0.91)
12578CH	1 1/4" x 6'6" (3.2 cm x 1.98 m)	2 (0.91)
12596CH	1 1/4" x 8' (3.2 cm x 2.44 m)	3 (1.36)
15078CH	1 1/2" x 6'6" (3.8 cm x 1.98 m)	5 (2.27)
15096CH	1 1/2" x 8' (3.8 cm x 2.44 m)	6 (2.72)
TWO THREADED FERRULES		
10078HH	1" x 6'6" (2.5 cm x 1.98 m)	2 (0.91)
10096HH	1" x 8' (2.5 cm x 2.44 m)	2 (0.91)
12578HH	1 1/4" x 6'6" (3.2 cm x 1.98 m)	3 (1.36)
12596HH	1 1/4" x 8' (3.2 cm x 2.44 m)	4 (1.81)
15078HH	1 1/2" x 6'6" (3.8 cm x 1.98 m)	3 (1.36)
15096HH	1 1/2" x 8' (3.8 cm x 2.44 m)	6 (2.72)
150120HH	1 1/2" x 10' (3.8 cm x 3.05 m)	6 (2.72)
TWO INSULATED HEX FERRULES		
12578HHM	1 1/4" x 6'6" (3.2 cm x 1.98 m)	4 (1.81)
12596HHM	1 1/4" x 8' (3.2 cm x 2.44 m)	4 (1.81)
CAP & UNIVERSAL FERRULE		
10078CU	1" x 6'6" (2.5 cm x 1.98 m)	2 (0.91)
12578CU	1 1/4" x 6'6" (3.2 cm x 1.98 m)	2 (0.91)
15096CU	1 1/2" x 8' (3.8 cm x 2.44 m)	6 (2.72)
RAIN GUARD		
8900	Rain Guard w/ Hose Clamp	0.2 (0.1)

TOGGLE HANDLE FIBERGLASS CLAMPSTICKS

MAKE THE JOB EASIER

Specialized Toggle Handle Increases Leverage.

The toggle handle fiberglass hot switch sticks and clampsticks include a bendable handle that provides increased leverage when needed.

FIBERGLASS HOT SWITCH STICKS are manufactured in accordance with the following specifications: ASTM F711, OSHA 1910.269(j), and OSHA 1926.951(d). All handles are made from pultruded, smooth, foam-filled fiberglass. Safety yellow is the primary fiberglass color. It is recommended that handles be wiped clean with a silicote cloth before and after every use.

All **FIBERGLASS CLAMPSTICKS** are fixed length external rod fiberglass clampsticks which maintain maximum dielectric strength. A full open side hook provides an unobstructed view of the hook. The molded, insulated head provides a larger opening. The precision cast slide gives complete control and an extra firm grip. The hook release mechanism is easy to operate and the extended length spear provides an easy method of locating the eye of hot taps that are other-wise hard to locate.

All fiberglass used is tested at 50 kV / 6 inches (100 kV / foot) and meets the dielectric leakage requirements of ASTM F711.

Other lengths available upon request. Bag not included.

TOGGLE MAXIMUM TORQUE RATING: 60 FOOT POUNDS.

CAT. NO.	DESCRIPTION	WEIGHT lbs. (kgs)
TOGGLE HANDLE & THREADED FERRULE		
12578HE	1 1/4" x 6'6" (3.2 cm x 1.98 m)	4 (1.81)
12596HE	1 1/4" x 8' (3.2 cm x 2.44 m)	4 (1.81)
12548HE	1 1/4" x 4' (3.2 cm x 1.22 m)	4 (1.81)
TOGGLE HANDLE & UNIVERSAL FERRULE		
12578UE	1 1/4" x 6'6" (3.2 cm x 1.98 m)	4 (1.81)
12596UE	1 1/4" x 8' (3.2 cm x 2.44 m)	4 (1.81)
12548UE	1 1/4" x 4' (3.2 cm x 1.22 m)	4 (1.81)
TOGGLE HANDLE & INSULATED HEX FERRULE		
12578HEM	1 1/4" x 6'6" (3.2 cm x 1.98 m)	4 (1.81)
12596HEM	1 1/4" x 8' (3.2 cm x 2.44 m)	4 (1.81)
TOGGLE HANDLE & CLAMPSTICK		
8104E	4'6" (1.37m) OAL Toggle Handle Fiberglass Clampstick	4.5 (2.04)
8106E	6'6" (1.98m) OAL Toggle Handle Fiberglass Clampstick	5 (2.27)
8108E	8'6" (2.59m) OAL Toggle Handle Fiberglass Clampstick	6.5 (2.95)





1CQ



2CQ



4DQ

The **MECHANICAL HAND STICK** serves both as a hand and as pliers so that any serve-up or type of tie can be made or removed from the line. Very little effort is required to serve a wire taut and as perfectly as when hand and pliers are used. It is possible to roll the wire into place around the conductor, making a tight connection easily, instead of jerking and pulling.

The **WIRE CLAMP STICK** has two fiberglass handles: the operating handle is 1" (2.5 cm) in diameter and the stationary handle is 1 1/4" (3.2 cm) in diameter. The wire clamp stick is used to hold tie wires in place, hold jumper wires while taps are being made or removed, and to hold wires when cutting and removing.

Use the **ALLIGATOR STICK** to install and remove single sheave or double blocks in the top of gin poles and to install circuit breakers, line hooks and strain breakers on live lines. With the alligator stick, you can remove arm slings on cross arms and hook blocks in arm slings and come-alongs when changing dead ends.

CAT. NO.	DESCRIPTION	HANDLE LENGTH	WEIGHT lbs. (kgs)
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MECHANICAL HAND STICK, FIBERGLASS HANDLE DIAMETER: 1-1/4" (3.2 CM)

1FGQ	Quick Change	6'6" (1.98m)	4 (1.81)
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MECHANICAL HAND HEAD ONLY

1CQ	Mechanical Hand w/ Quick Change	-	1 (0.45)
1CU	Mechanical Hand w/ Universal	-	1 (0.45)

WIRE CLAMP STICK

2FGQ	Quick Change	6'6" (1.98m)	6 (2.72)
201FGQ	Quick Change	8' (2.43 m)	9 (4.08)
201FGU	Universal	8' (2.43 m)	9 (4.08)
201CFGQ	Top Hook and Quick Change	8' (2.43 m)	9 (4.08)

WIRE CLAMP HEAD ONLY

2CQ	Wire with Quick Change	-	3 (1.36)
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ALLIGATOR STICK, FIBERGLASS HANDLE DIAMETER: 1-1/4" (3.2 CM)

4FGQ	Quick Change	6'6" (1.98m)	4 (1.81)
4FGU	Universal	6'6" (1.98m)	4 (1.81)

ALLIGATOR HEAD ONLY

4DQ	Alligator with Quick Change	-	1 (0.45)
4DU	Alligator with Universal	-	1 (0.45)

SPECIALTY HOT SWITCH STICKS

The **PIGTAIL STICK** is designed to lift and guide live lines and maintains clearances while working on poles. The pigtail stick is used to change pin type insulators and ridge pin insulators when the conductor is light enough for one person to lift. Units come standard with 7/8" (2.2 cm) hook; also available with 1-1/2" (3.8 cm) and 2" (5.1 cm) hooks. Other lengths available. Bag not included. Fiberglass handle diameter: 1-1/2" (3.8 cm).

The **STRANDED WIRE HOLDING STICK** has two 1" (2.5 cm) diameter fiberglass handles, holds conductors or wires during operations. The 121 Series has 3/4" (1.9 cm) wide jaws that open to 9/16" (1.4 cm), and the 122 Series, has 2" (5.1 cm) wide jaws that open to 1-1/2" (3.8 cm). Other lengths available. Bag not included.

The **CABLE HANDLER** has a 1-1/4" (3.2 cm) fiberglass handle. Used to handle, lift, or move energized cables. Other lengths available.

CAT. NO.	DESCRIPTION	HANDLE LENGTH	Weight lbs. (kgs)
PIGTAIL STICK			
5FGQ	Quick Change	6'6" (1.98 m)	6 (2.72)
501FGQ	Quick Change	8' (2.43 m)	7 (3.18)
501FGU	Universal	8' (2.43 m)	7 (3.18)

PIGTAIL HEAD ONLY

5C2Q	Pigtail w/ Quick Change	7/8" (2.2 cm)	1 (0.45)
5C2U	Pigtail w/ Universal	7/8" (2.2 cm)	1 (0.45)
5C3Q	Pigtail w/ Quick Change	1 1/2" (3.8 cm)	1 (0.45)
5C3U	Pigtail w/ Universal	1 1/2" (3.8 cm)	1 (0.45)
5C4Q	Pigtail w/ Quick Change	2" (5.1 cm)	1 (0.45)
5C4U	Pigtail w/ Universal	2" (5.1 cm)	1 (0.45)

STRANDED WIRE HOLDING STICK

121FGQ	Quick Change	6'6" (1.98 m)	6 (2.72)
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STRANDED WIRE HEAD ONLY

121CQ	Stranded Wire w/ Quick Change	-	2 (0.91)
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CABLE HANDLER

50206	Handle and head	6'6" (1.98 m)	3 (1.36)
50208	Handle and head	8' (2.44 m)	4 (1.81)
5020H	Head only	-	1 (0.45)



SECTIONALIZER KIT & INSULATING LINK STICKS



The **SECTIONALIZER KIT** temporarily disconnects and isolates a section of line without interrupting service to the balance of the circuit. The entire operation of installation and removal of the sectionalizers can be performed with live line tools. Particularly useful when circuits are interrupted as a result of conductor, insulation or pole failures. Service can be restored by cutting in sectionalizers to isolate the section of line that is in trouble.

Consists of 1-3/4" foam-filled fiberglass connected to a manually operated take-up device. The strain of the line is taken by means of the take-up device using the hook (Cat. No. 1370H), which fastens on the end of the socket wrench (Cat. No. 596FG or equal). The conductor is then cut and cleared.

The **INSULATING LINK STICKS** are designed to isolate rope, hoists, and blocks being used between energized conductors and a pulling device. They also provide dielectric properties if strap hoist becomes contaminated through field use. Cat. Nos. 2512, 2518, and 2524 are made with solid fiberglass. All insulating link sticks are proof tested and marked with WLL prior to shipment. Other lengths and configurations available. All bags hold 3 link sticks. Bags not included.

Fiberglass used meets the requirements of ASTM F711.

CAT. NO.	DESCRIPTION	WEIGHT lbs. (kgs)
SECTIONALIZER KIT		
1370SL	Set includes: 3 of 1370A, 1 of 1370H, 1 of 1370FB	100 (45.3)
PARTS		
1370A	One Sectionalizer Only, 25 kV, 36" (0.91 m)	12 (0.91)
1370H	Hook with 1/2" Drive	1 (0.45)
1370HR	Hold Down Hook with Ring	1 (0.45)
1370V	Wire Holder, 9/16" (1.43 cm) max. size wire	2 (0.91)
1370FB	Box w/ Inserts 44" x 12" x 16" (112 x 31 x 41 cm)	60 (27.22)

CAT. NO.	OVERALL LENGTH in. (cm)	LENGTH BETWEEN Ferrules in. (cm)	FIBERGLASS Diameter in. (cm)	WLL lbs. (kgs)	WEIGHT lbs. (kgs)	CAT. NO.	WEIGHT lbs. (kgs)
INSULATING LINK STICKS							
50012EH	22 (55.9)	12 (30.5)	1 (2.5)	2,500 (1,134)	3 (1.36)	B522 Bag	1 (0.45)
50012EP	22 (55.9)	12 (30.5)	1 (2.5)	2,500 (1,134)	3 (1.36)	B522 Bag	1 (0.45)
5012EH	22 (55.9)	12 (30.5)	1 1/4 (3.2)	2,500 (1,134)	2 (0.91)	B522 Bag	1 (0.45)
5012	22 (55.9)	12 (30.5)	1 1/4 (3.2)	1,500 (682)	2 (0.91)	B522 Bag	1 (0.45)
5012R	22 (55.9)	12 (30.5)	1 1/4 (3.2)	1,500 (682)	2 (0.91)	B522 Bag	1 (0.45)
5112	24 (61.0)	12 (30.5)	1 1/2 (3.8)	2,500 (1,134)	2 (0.91)	B522 Bag	1 (0.45)
2512	28 (71.1)	12 (30.5)	1 (2.5)	10,000 (4,536)	2 (0.91)	B522 Bag	1 (0.45)

FERRULES & ACCESSORIES

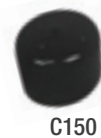
Universal and 5/8"-11 threaded hex ferrules are available for 1" (2.5 cm), 1-1/4" (3.2 cm), and 1-1/2" (3.8 cm) diameter fiberglass handles. Ferrules include a disc and rivet.

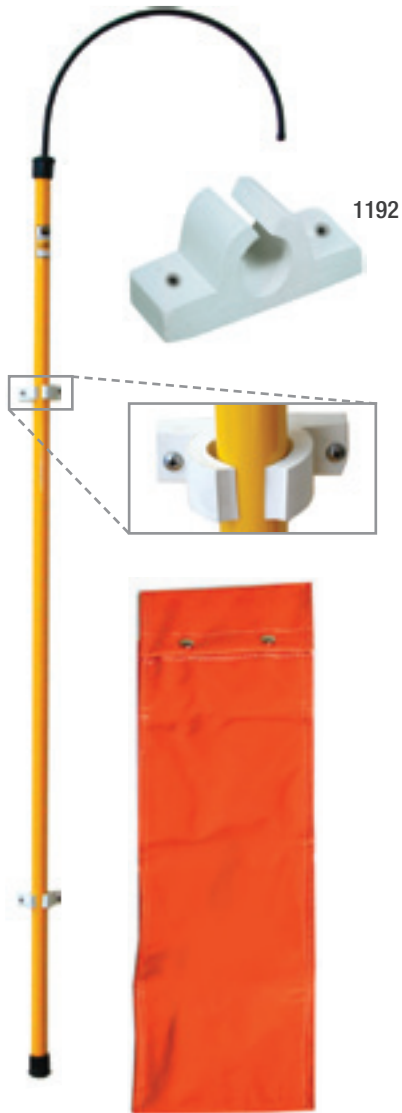
KITS include all material required to replace insulated stick ferrules. Please specify size. Each kit includes: one ferrule, one rivet, one disc for handle, sandpaper, a two-part adhesive and instructions.

Use the **SILICOTE CLOTH** to wipe dust and dirt from fiberglass insulating handles. Cloth is specially treated with silicone which leaves a thin coating on the insulating handles. Grease, insulation marks, and other foreign matter should be cleaned from handles with fiberglass handle cleaner before using the silicote cloth. Regular use of the silicote cloth will add to the life and safety of insulating handles. Packaged with directions in resealable, plastic bag.

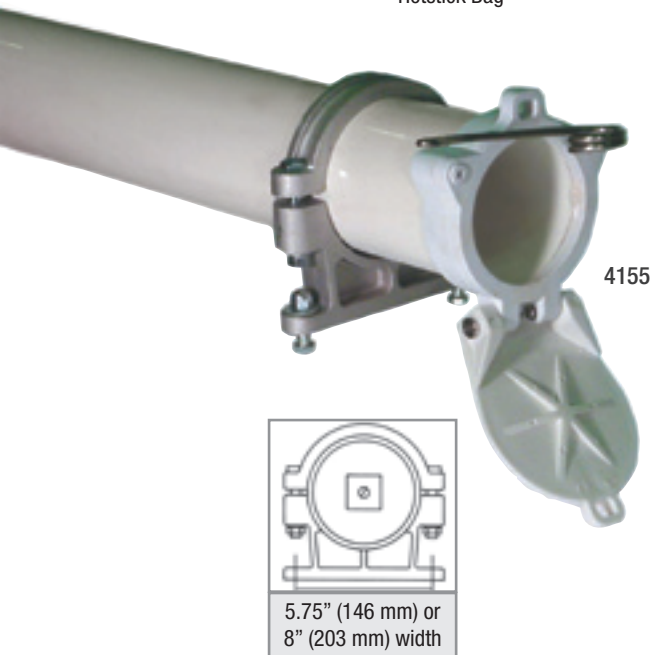
HANDLE CLEANER is formulated to clean and condition fiberglass handles. Removes moisture and other contaminants such as dirt, tar and grease without harming finish and leaves a thin water-repellent coating.

CAT. NO.	DESCRIPTION	SIZE	WEIGHT oz (g)
HEXAGONAL FERRULES			
4EFG	5/8"-11 - Zinc	1 1/4" (3.2 cm)	5 (156)
4EFGM	Insulated Hex Ferrule w/ Brass Threaded Insert 5/8"-11	1 1/4" (3.2 cm)	5 (156)
5EFG	5/8"-11 - Zinc	1 1/2" (3.8 cm)	12 (373)
UNIVERSAL FERRULES			
44UFG	Aluminum with Thumb Screw	1" (2.5 cm)	4 (124)
3400	Aluminum with Thumb Screw	1 1/4" (3.2 cm)	5 (156)
5EFGU	Zinc/Bronze with Thumb Screw	1 1/2" (3.8 cm)	1 lbs. (450)
RIVETS			
RH1881375	For 1" Ferrules	3/16" x 13/8" (5 x 34 mm)	1 (31)
RH1881625	For 1-1/4" Ferrules	3/16" x 15/8" (5 x 41 mm)	1 (31)
RH1882000	For 1-1/2" Ferrules	3/16" x 2" (5 x 51 mm)	2 (62)
HEXAGONAL FERRULE KITS			
4EK001	5/8"-11 - Zinc	1 1/4" (3.2 cm)	4 (124)
5EK001	5/8"-11 - Zinc	1 1/2" (3.8 cm)	4 (124)
UNIVERSAL FERRULE KITS			
4UK001	Aluminum with Thumb Screw	1 1/4" (3.2 cm)	4 (124)
5UK001	Zinc/Bronze with Thumb Screw	1 1/2" (3.8 cm)	4 (124)
HANDLE CLEANERS			
2000SC	Silicote Cloth	-	4 (124)
2001	Towelette	-	1 (31)
2002	1-Gal Bottle	-	9 lbs. (4 kgs)
2003	16 fl oz Spray Bottle	-	19 (.530)
CAPS			
C100	1" (2.5 cm) Cap	-	-
C125	1 1/4" (3.2 cm) Cap	-	-
C150	1-1/2" (3.8 cm) Cap	-	-





Hotstick Bag



5.75" (146 mm) or 8" (203 mm) width

SALCOR® TOOL HOLDERS secure tools to trailers, compartments and tool rooms. 12 per package.

HOTSTICK BAGS are constructed of heavy vinyl with double stitched seams. Flaps snap closed. 6" (152mm) wide and designed to hold sticks up to 4" (102mm) shorter than bag length shown on chart.

TUBULAR PVC STORAGE CONTAINERS provide weather tight storage. Kit includes two mounting brackets and four steel bolts with each 6" (152 mm) I.D. or 4.1" (104 mm) tube. Sized for tools 12" (305 mm) shorter than tube. Four mounting bolts 3/8" x 1.5" (9.5 x 38 mm) are supplied with each container. Kit may be ordered without tubing or with mounting brackets only.

CAT. NO.	DESCRIPTION	WEIGHT EA. lbs. (kgs)
1192	1.25 (32 mm) I.D. Tool Holder	3.5 (1.6)

CAT. NO.	DESCRIPTION /LENGTH feet (meters)	WEIGHT EA. lbs. (kgs)
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HOTSTICK BAGS

4297	5 (1.5)	.7 (.3)
4298	6 (1.8)	.8 (.3)
4299	6' 4" (1.9)	.9 (.4)
4300	7 (2)	1 (.4)
4301	8' 4" (2.5)	1.1 (.5)
4302	9 (2.7)	1.2 (.5)
4303	10' 4" (3)	1.4 (.6)

4" I.D. TUBULAR PVC STORAGE KIT

4155	7 (2.13)	17 (7.7)
4156	9 (2.74)	20 (9)

6" I.D. TUBULAR PVC STORAGE KIT

4167	6 (1.82)	20 (9)
4168	7 (2.13)	22 (10)
4169	9 (2.74)	26 (11.7)

CAT. NO.	DESCRIPTION/DIMENSIONS in. (mm)	WEIGHT EA. lbs. (kgs)
9822	Kit for 6" (152) I.D. 6.6" (168) O.D.	8 (3.5)
9823	Kit for 4.1" (104) I.D. 4.5" (114) O.D.	6 (2.7)
C4007	I.D. 4" (102) 7' (2.13 m)	19 (8.62)
C4009	I.D. 4" (102) 9' (2.75 m)	22 (9.98)
C4011	I.D. 4" (102) 11' (3.35 m)	26 (11.79)
C4013	I.D. 4" (102) 13' (3.96 m)	29 (13.15)

CONTAINER KITS

C4000	Kit w/o Lock I.D. 4" (102)	6 (2.72)
C4000L	Kit w/ Lock I.D. 4" (102)	9 (4.08)

RESCUE HOOK & STATIC DISCHARGE STICK

INSULATED RESCUE HOOK - Salisbury's insulated rescue hook is an invaluable tool for any workplace. It is used to release a victim from contact. Confined spaces, in vaults, or just near electrical cabinets and switch gear are some of the places where this tool is a must. Insulated rescue hooks feature a foam-filled, fiberglass reinforced handle for superior electrical insulation and a coated, heat treated body hook with an 18" opening and are made in accordance with ASTM Standard F711. The stick is available in the standard lengths of 6 and 8 feet. Other lengths are available as a special order. Contact us with your requirements.

STATIC DISCHARGE STICK - The Static Discharge Stick is designed to safely remove the static charge after de-energizing. This tool is pre-assembled and includes a brass alloy "U" hook, closed cell foam-filled tubular fiberglass switch stick made in accordance with ASTM Standard F711. Static discharge sticks have 6 feet of copper grounding cable attached to a Salisbury 1814 flat jaw, grade 3, bronze serrated clamp with strain relief.

CAT. NO.	DESCRIPTION / ft. (m)	WEIGHT lbs. (kgs)
INSULATED RESCUE HOOK		
24400	Rescue Hook 3' (0.9 m) length	3.4 (1.5)
24401	Rescue Hook 6' (1.8 m) length	4.5 (2)
24403	Rescue Hook 8' (2.4 m) length	5.5 (2.5)

STATIC DISCHARGE STICK		
20817	Static Discharge Stick OAL 3'8" (1.08 m) length	8 (3.6)
22629	Static Discharge Stick w/ Universal Attachment 1' (0.3 m) length	.38 (0.17)



WARNING: DISCHARGE STICKS ARE NOT GROUNDING TOOLS AS DESCRIBED BY OSHA 1910.269 AND CARRY NO FAULT DUTY RATING.

24401
Rescue Hook
(Shown with Tool Holder)



22629 STATIC DISCHARGE STICK
W/ UNIVERSAL ATTACHMENT





1930535415Q

A **DISCHARGE HOOK** is used to drain capacitive voltage. The probe is first used to make contact, then the hook can be used to make direct contact bypassing the fuse. The fuse gives added protection in case initial contact is accidentally made on energized equipment. Fuse is rated at 8 kV maximum, 6 amperes continuous.

A **DISCHARGE HOOK** is a special discharging device used to de-energize capacitors and other voltage retaining components before maintenance work is performed. Mounting clip (Cat. No. 1925MC) is included. Standard handle length is 2 feet (0.61 m). Other cable and handle lengths are available.

RESISTIVE DISCHARGE HOOKS/PROBES with resistors help eliminate initial surge current. Second hook bypasses resistors for residual discharge. Resistive discharge hooks and probes use #6 flexible copper, clear-jacketed cable, a hand guard, hook or probe, and a 1" (2.5 cm) diameter fiberglass insulating handle. The handle complies with ASTM F-711. All come with a clear PVC cover to protect resistors from damage from bumps and knocks. Not all resistors fit all hooks. Please note resistor's outside diameter and length. Mounting clip (Cat. No. 1925MC) is included. Other lengths and configurations are available.

FOR DISCHARGE ONLY. DO NOT USE AS LIVE LINE TOOL OR GROUNDING DEVICE.

CAT. NO.	DESCRIPTION	WEIGHT EA. lbs. (kgs)	
FUSED DISCHARGE HOOK			
1930535415Q	Fused Discharge Hook	10 (4.53)	
DISCHARGE HOOK			
	GROUND LEAD LENGTH		
1925	5' (1.52 m)	2 (0.91)	
19257	7' (2.13 m)	2.5 (1.13)	
19258	8' (2.44 m)	3 (1.36)	
192510	10' (3.05 m)	4.5 (2.04)	
192520	20' (6.10 m)	5 (2.27)	
RESISTIVE DISCHARGE HOOK/PROBES			
	HANDLE LENGTH	GROUND LEAD LENGTH	
19250005	23" (0.58 m)	5' (1.52 m)	2 (0.91)
192500655	7' (2.13 m)	10' (3.05 m)	4.5 (2.04)
19250007	5' (1.52 m)	7' (2.13 m)	4 (1.81)
ACCESSORIES			
1925MC	Mounting Clip	3 oz (0.084)	
1925DMC	Mounting Clip with Hardware	4 oz (0.112)	

TOOLS

TOOL HEADS are used in live line applications. This equipment should be mounted on suitable handles to ensure proper distance from live conductors. Below are the choices of end fittings available. All tools have one of these three fittings.



Quick Change End Fitting

Has a 5/8"-11 threaded stud that threads into the top of a hexagonal ferrule. A hexagonal collar slides down and over the hexagonal ferrule making a strong, positive connection. A plastic safety clip is used to lock the quick change end fitting to an insulating handle.

Universal End Fitting

Gives the user the option to position and secure an universal tool head at several angles. It also allows meters to be attached to universal handles. Universal fittings can be installed on universal sticks by using the 2500 shotgun adapter.

Grip All or Eye Screw End Fitting

For use with the clamp stick. The hook from the clamp stick is hooked through the eye hole of the eye screw, then drawn into the clamp stick and secured.



Safety Clip for Quick Change

Locks a quick change tool head to handle.
320E .1 oz (3 g)



Convertible Adapter

3401Q Changes QC to U 1 lbs. (0.45 kgs)
3401TS Thumb Screw Only 1 lbs. (0.45 kgs)



Convertible Adapter

2500 Shotgun Adaptor .4 lbs (.2 kgs)



Bayonet Ferrule

Installs/removes ground heads with bayonet studs.
98B* 1 lbs. (0.45 kgs)



Toggle & Spring

The 1/2" (1.3 cm) square drive converts handles into a socket stick.
5900* 2 lbs. (0.91 kgs)



Handle Splice Joint & Spring

Splices two handles together creating a flexible handle.
3302* 2 lbs (0.91 kgs)

* Add suffix "U" for Universal, "Q" for Quick Change



Pin Holder for Clevis-Type Insulators
2900* 1 lbs. (.45 kgs)



Convertible Adapter
3402Q Changes QC to GA 8 oz (224 g)



Convertible Adapter
3402U Changes GA to U 6 oz (168 g)



Cotter Key Installer
3500* 1 lbs. (.45 kgs)



Wrench Attachment
9* 2 lbs. (0.91 kgs)



Switch Disconnect w/ Hammer Head
1900U .19 lbs. (.08 kgs)



Ratchet Wrench
4115 1/2" (12.7 mm) sq. drive .5 lbs. (.22 kgs)



Screwdriver
13* Screwdriver 8 oz (0.23 kgs)



Hammer
165* 1 lbs. (0.45 kgs)



Quick Change Handle Splice Joint
3301 2 lbs (0.91 kgs)



Flex Head Socket Wrench
4114 1.2 lbs (.5 kgs)



Clamp Stick Head
9834 Clamp Stick Head 1.4 lbs (.6 kgs)



Alligator
4D* Alligator 1 lbs. (0.45 kgs)



Universal System Tool Blanket Pin
UST 1 lb. (.45 kgs)



Adjustable Insulator Fork
8300* 2 lbs. (0.91 kgs)



Mechanical Hand
1C* 1 lbs. (0.45 kgs)



Inspection Mirror
9900* 5" (12.7 cm) dia. 8 oz. (224 g)



Prong Disconnect
9970 .4 lbs (.2 kgs)

* Add suffix "U" for Universal, "Q" for Quick Change

TOOLS

* Add suffix "U" for Universal, "Q" for Quick Change



Cotter Key Remover
 11* Remover 12 oz (.38 kgs)
 1101* Spring Loaded Remover 12 oz (.38 kgs)



Locating Drift
 Use where aligning or hardware fitting is difficult.
 8A* 2 lbs. (.91 kgs)



Extension Offset Switch Hook
 Safely removes fuses from outdoor disconnects.
 190001* Steel 1 lbs. (0.45 kgs)
 190002* Aluminum/Bronze 1 lbs. (0.45 kgs)



Line Hose Applicator
 2" x 18" (5.1 x 45.7 cm) jaws
 1680* 4 lbs (1.81 kgs)



Chuck Blank
 Inside Depth: 1/2" x 1 1/2" (13 x 38 mm)
 9838 .4 lbs (.2 kgs)



Hanging Hook
 Attaches to all fiberglass handles.
 190HC 3 oz. (84 kgs)



Rotary Prong Tie Head
 4099 .6 lbs (.27 kgs)



Pointed Disconnect
 9839 .4 lbs (.2 kgs)



Double Prong Tie Head
 4101 .5 lbs (.22 kgs)



Light Duty Cutout Prong
 9971 .4 lbs (.2 kgs)



Insulator Fork
 Used in handling ball and socket insulators.
 8301* 2 lbs. (0.91 kgs)



Heavy Duty Disconnect Head
 9969 .6 lbs (.3 kgs)



Convertible Adapter
 5/8" - 11 Internal Thread
 3403 Changes QC to U 3 oz (93 g)



Switch Hook
 190* 8 oz. (0.25 kgs)



Dead End Automatic Sleeve Applicator
 Dia. 1/4" to 1 1/2" (6.4 to 38 mm)
 16 2 lbs. (0.91 kgs)



Wire Grip

Grips conductor, has hole for block or line hook. WWL for grip is 1,000 lbs (454 kgs) at a 4:1 ratio.

3600* Opening min. 5/16" max. 7/8" 2 lbs (7.9 mm, 2.2 cm) (0.91 kgs)
 3601* Opening min. 1/2" max. 1-1/2" 3 lbs. (1.3 cm, 3.8 cm) (1.36 kgs)



GA Adapter w/ Square Drive & Spring-Loaded Socket

3402L5934 1/2" (1.3 cm) Square Drive
 3/4" (1.9 cm) Socket
 2 lbs (0.91 kgs)



Pig Tail

5C2* 7/8" (2.2 cm) opening 1 lbs. (.45 kgs)
 5C3* 1-1/2" (3.8 cm) opening 2 lbs. (.91 kgs)
 5C4 2" (5.1 cm) opening 2 lbs. (.91 kgs)



Tree / Wire Hook

4236 .36 lbs (.2kgs)



Pig Tail Disconnect

9878 .4 lbs (.2 kgs)



4108 Tubular Line Cleaner 1.3 lbs (.6 kgs)
 4109 Replacement Brush .5 lbs (.22 kgs)



4111 "V" Line Cleaner 1.3 lbs (.6 kgs)
 4113 Replacement Brushes (10) 3 lbs (1.4 kgs)



152* "V" Brush 1.5 lbs. (0.68 kgs)
 152B Replacement Brush 3 ozs. (.09 kgs)



1520010GAH
 Brush w/ Handle & Cover 1 lbs. (0.45 kgs)



1521* Semi-Tube Brush 1.5 lbs. (0.68 kgs)
 1521B Replacement Brush 12 ozs. (0.37 kgs)



1521003* Semi-Tube Side Brush 1.5 lbs. (0.68 kgs)



4103 Handle for Pruning Saw .5 lbs (.22 kgs)

* Add suffix "U" for Universal, "Q" for Quick Change

TOOLS



Mounted on 12" (30.6cm) fiberglass pole
 4105 Tree Pruner - Universal
 25' (7.62 m) of line
 4 lbs. (1.81 kgs)

7992FGQ Tree Pruner - Quick Change
 12' (3.06m) of line
 4 lbs. (1.81 kgs)



4102 Fixed Blade Tie Head .5 lbs (.22 kgs)



4100 Rotary Blade Tie Head .7 lbs (.3 kgs)



4104 Pruning Saw w/ 18" (457 mm) blade
 .5 lbs (.22 kgs)



4106 Curved Blade Skinning Knife
 .4 lbs (.2 kgs)

4107 ReplaCement Blade .1 lbs (.04 kgs)



7991* Pruning Saw w/ 14" (35.6 cm)
 1 lbs. (0.45 kgs)

7991WS Saw Sheath .5 lbs. (0.22 kgs)



Test Point Cap Seal Cleaner
 1520006* 1lbs. (0.45 kgs)



Wire Gauges
 860002* Aluminum Fits: #4 to 397.5
 1 lbs. (0.45 kgs)
 860004* ACSR/Aluminum Fits: #4 to .556
 1 lbs. (0.45 kgs)
 860005* Copper Fits: #8 to 4/0
 1 lbs. (0.45 kgs)

* Add suffix "U" for Universal, "Q" for Quick Change

ARMOR ROD TOOLS, JUMPER HEADS & PENTA SOCKETS



The **JUMPER HEADS** have a maximum opening of 19/16” (4.0 cm) and are designed with built-in universal joints in order to accommodate installation lines at an angle. The jumper heads have a quick action tightening screw for fast closing. Threaded adapters are used to accept 5/8-11 threaded non-shrouded ferrules. A hose clamp is included for connection strain relief.

Use the **PENTA SOCKET** to tighten or loosen special 3/4” (19 mm) penta head sockets. Comes with a “T” handle. Can be used with any 1/2” (13 mm) drive wrench.



CAT. NO.	DESCRIPTION	WEIGHT lbs. (kgs)
ARMOR ROD TOOLS		
124*	Armor Rod Applicators	2 (0.91)
1241*	Formed Wire Tools	2 (0.91)

PENTA SOCKET		
CAT. NO.	DESCRIPTION	WEIGHT lbs. (kgs)
590001S	3/4” (19 mm) Penta head Socket Only	1 (0.45)
590001	“T” Wrench with 3/4” (19 mm) Penta head Socket	1 (0.45)
590002	Speed Wrench with 3/4” (19 mm) Penta head Socket	2 (0.91)
59P34916SD	Penta Wrench, 3/4” (11 mm), 9/16” (14 mm), and Screw Driver	3 (1.36)
5900017/16T	“T” Wrench with 3/4” (11 mm) Penta head Socket and 7/16” depth	1 (0.45)
593412PHT	“T” Wrench with 3/4” (11 mm) and 1/2” (13 mm) Penta head Sockets	1 (0.45)

CAT. NO.	DESCRIPTION	MAX. OPENING	CONTINUOUS DUTY	WEIGHT lbs. (kgs)
JUMPER HEADS WITH THREADED ADAPTERS				
98SADGA	Grip All Wide Jaw	1-9/16”	600 amps	3 (1.36)

* Add suffix “Q” for quick change, “U” for universal, “HDQ” for heavy duty w/ quick change, “HDU” for heavy duty w/ universal.

FUSE PULLER TOOLS

The standard **FUSE PULLER** heads (Cat. No. 92Q) have plastic jaws that fit fuses from 3/4" (1.9 cm) to 2" (5.1 cm) diameter. Heads are pivotally mounted to permit adjustment to any angle. To tighten the jaws, just rotate the handle. The insert jaws (Cat. No. 190NLF) for the 1-3/16" (2.1 cm) diameter liquid filled fuse are held on the fuse puller with springs. The attachment on the end of each fuse puller is Cat. No. 190Q, quick change switch hook. Other lengths available. Bag not included. Fiberglass handle diameter: 1-1/4" (3.2 cm).



CAT. NO.	DESCRIPTION	HANDLE LENGTH	WEIGHT lbs. (kgs)
FUSE PULLER TOOL			
196FGQ	Quick Change	6'6" (1.98 m)	5 (2.27)
196FGU	Universal	6'6" (1.98 m)	5 (2.27)
198FGQ	Quick Change	8' (2.43 m)	6 (2.72)
198FGU	Universal	8' (2.43 m)	6 (2.72)

PARTS			
92Q	Head Only, Quick Change	-	2 (0.91)
92U	Head Only, Universal	-	2 (0.91)
190Q	Switch Hook, Quick Change	-	1 (0.45)
190NLF	Insert Jaws for 13/16" (2.1 cm) diameter S & C Liquid Fuse	-	1 (0.45)

CAT. NO.	DESCRIPTION	MAXIMUM DIAMETER	WEIGHT lbs. (kgs)
FUSE PULLER HEADS			
9209Q	Liquid Fuse, Quick Change	13/16" (2.1 cm)	3 (1.36)
9209U	Liquid Fuse, Universal, Head Only	13/16" (2.1 cm)	3 (1.36)
92225001Q	Quick Change	2 1/4" (5.7 cm)	3 (1.36)
92225001U	Universal	2 1/4" (5.7 cm)	3 (1.36)
92225001GA	Grip All	2 1/4" (5.7 cm)	3 (1.36)



CONNECTOR TOOL HEADS & PARALLEL GROOVE CLAMP



The **PARALLEL GROOVE CLAMP TOOL** accommodates cap-screw type parallel groove clamps (one, two and three bolt types). The parallel groove tool head clamps can be installed from almost any angle by use of the universal ball clamp. The handles are fiberglass, with the operating handle having a diameter of 1" (2.5 cm) and the stationary handle 1-1/4" (3.2 cm). Bag not included. Other lengths available.

The **WISE TYPE CONNECTOR TOOL** installs and removes all sizes of single bolt vise type connectors on energized lines. With this tool it is possible to install connectors on a line as efficiently as when done by hand. The handles are fiberglass. The operating handle is 1" (2.5 cm) in diameter and the stationary handle is 1-1/4" (3.2 cm) in diameter. Bag not included. Other lengths available. Order operating sticks separate.

CAT. NO.	DESCRIPTION	WEIGHT lbs. (kgs)
PARALLEL GROOVE CLAMP TOOL HEAD		
1800CQ	Quick Change Head	3 (1.96)
1800CU	Universal Head	3 (1.96)
1800CQS	Quick Change Head with Top Hook	3 (1.96)
PARALLEL GROOVE CLAMP TOOL SOCKET		
1800SS	9/16" (1.4 cm)	1 (0.45)
1800SM	3/4" (1.9 cm)	1 (0.45)
1800SL	15/16" (2.4 cm)	1 (0.45)
CONNECTOR TOOL VISE TYPE HEAD		
72CQ	Quick Change Head Only	3 (1.96)
72CU	Universal Head Only	3 (1.96)
CONNECTOR TOOL VISE TYPE		
72S3/8	3/8" (0.95 cm)	2 oz. (45 g)
72S9/16	9/16" (1.4 cm)	2 oz. (45 g)
72S3/4	3/4" (1.9 cm)	2 oz. (45 g)

HAND TOOLS

All **INSULATED ADJUSTABLE WRENCHES** have a spring to prevent the jaws from accidentally moving while in use. These wrenches have a 12" (30.5 cm) wrench head and are supplied with a 1-1/4" (3.2 cm) diameter fiberglass handle.

INSULATED RATCHET WRENCH comes with a 1-1/2" (3.2 cm) fiberglass handle. Standard 1/2" (1.3 cm) square drive.

The **INSULATED RATCHET WRENCH FOR CLAMP TOP** has an 1-1/4" (3.2 cm) diameter fiberglass handle with eye on end for use with a clamp top tool (Cat. Nos. 44CQ or 44CU).

The **TOGGLE HANDLE** is used to convert any double threaded ferrule stick to a toggle handle for torquing requirements.



CAT. NO.	HANDLE LENGTH	WEIGHT lbs. (kgs)
INSULATED ADJUSTABLE WRENCH		
1160	12" (30.5 cm)	1 (0.45)
1161	18" (45.7 cm)	2 (0.91)
1162	24" (61.0 cm)	3 (1.36)
INSULATED RATCHET WRENCH		
4412	12" (30.5 cm)	2 (0.91)
4418	18" (45.7 cm)	3 (1.36)
INSULATED RATCHET WRENCH FOR CLAMP TOP		
44CFG	8" (20.3 cm)	2 (0.91)
TOGGLE HANDLE		
1258HEQ	Quick Change - 8" (20.3 cm)	1 (0.45)



3008FG

LIVE LINE LEVER CUTTERS are compound shear cutters made from a heat-treated alloy steel. The stationary handle is 1-1/2" (3.8 cm) in diameter and the operating handle is 1" (2.5 cm) in diameter. For cutting tie wires, jumper taps and conductors up to 2/0. Larger wires should be cut with ACSR lever cutters. Bags available. Not for use on ACSR.

The **ALL ALUMINUM & SOFT COPPER CUTTER** cutting head is adapted to fiberglass handles for live line work on underground and overhead conductors. For use on aluminum up to 750 kcmil and copper to 500 kcmil. Bags available.

Not for use on ACSR or steel.

ACSR CUTTERS WITH PERMANENT HEADS cut ACSR up to 396 kcmil. The cutting head is permanently attached. Bags available.

The **SOFT CABLE CUTTER WITH REMOVABLE HEAD** is lightweight, rugged and strong. The two-handed cutter head gives clean, shearing cuts. Bags available. Not for use on ACSR or steel.

CAT. NO.	DESCRIPTION	WEIGHT lbs. (kgs)
LIVE LINE LEVER CUTTERS		
3004FG	4' (1.22 m)	11 (4.99)
3006FG	6' (1.83 m)	11 (4.99)
3008FG	8' (2.44 m)	11 (4.99)
ALL ALUMINUM & SOFT COPPER CUTTERS		
670	24" (61.0 cm)	5 (2.27)
672	36" (91.4 cm)	7 (3.18)
ACSR CUTTERS WITH PERMANENT HEADS		
67130ACFG	30" (76.2 cm) 34" (86.4 cm)	5 (2.27)

CAT. NO.	MAXIMUM CABLE SIZE			HANDLE Length	WEIGHT lbs. (kgs)
	Copper Power	Aluminum Power	Communication		
SOFT CABLE CUTTER WITH REMOVABLE HEAD					
670001	500 kcmil	750 kcmil	1 3/8" (3.5 cm)	24" (61.0 cm)	5 (2.27)
6700011	750 kcmil	1200 kcmil	1 3/4" (4.5 cm)	24" (61.0 cm)	6 (2.72)
671001	500 kcmil	750 kcmil	1 3/8" (3.5 cm)	30" (76.2 cm)	5 (2.27)
6710011	750 kcmil	1200 kcmil	1 3/4" (4.5 cm)	30" (76.2 cm)	7 (3.18)

TRANSFORMER GIN ASSEMBLY & TOOL FRAME

TRANSFORMER GIN ASSEMBLIES are designed to lift transformers, cross arms and other items used in pole construction. Assembly consists of a pole with ferrules, top fitting, center fitting, base fitting and protective bag for the pole. Has a balanced or *unbalanced safe working load limit of 2,500 lbs. (1,134 kgs), at a minimum of 18" apart. The working load limit (WLL) is the total load on the gin assembly including load to be lifted, pull on fall line and friction. Rope and block assembly not included.

The **TOOL FRAME** is a convenient place to hang tools when they are not in use, has swivel eye allowing the frame to rotate.

The **ROPE-SNUBBING BRACKET** attaches to the pole and provides a safe place to tie lines or hook blocks when handling loads.

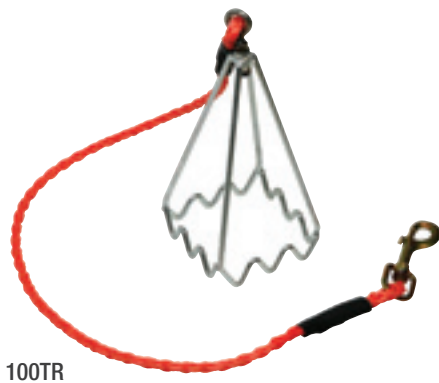


WARNING: TAGGING LOADS WORKING LOAD LIMIT SUBJECT GIN TO SIDE LOADING THAT WILL REDUCE WLL.



112

CAT. NO.	DESCRIPTION	WEIGHT lbs. (kgs)	WLL
TRANSFORMER GIN ASSEMBLY			
112	Transformer Gin Assembly	89 (40.36)	2,500 lbs
TRANSFORMER GIN ASSEMBLY			
100T	Tool Frame	1 (0.45)	-
100TR	Tool Frame with Rope and Snap	2 (0.91)	-
ROPE-SNUBBING BRACKET			
8200	Pole Type Bracket with Rings, Chain Length: 51" (1.30 m)	10 (4.55)	-
8200S	Pole Type Bracket without Rings Chain Length: 51" (1.30 m)	10 (4.55)	-



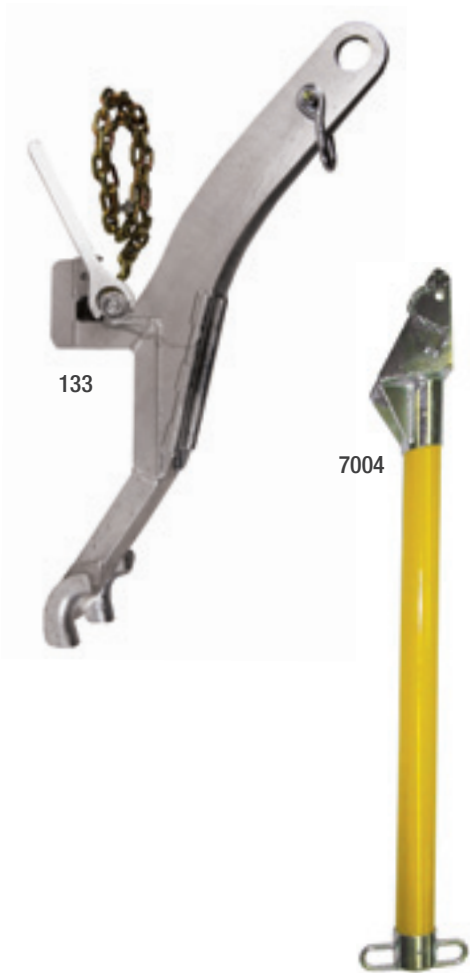
100TR



8200



8200S



CROSS ARM GINS are used on cross arms when only one conductor needs to be raised. Use the arm gin to change insulators; apply an armor rod to a conductor; raise a conductor from a lower position to the cross arm, or lower the conductor. The 2-1/2" (6.4 cm) diameter fiberglass pole has two eyes at the top in which to hook the block line and tie back line. The base fits a 4-3/4" x 5-7/8" (12.1 x 14.9 cm) cross arm. Included shims are needed for smaller arms.

The **TRANSFORMER GIN ASSEMBLY** is made from steel. Can be installed on the pole by one lineman with the single alloy chain. The assembly can also be installed over a cross arm. Blocks can be installed in the eye or from the shackle provided. Rope guides for the fall line are located on both sides of the gin assembly. The gin assembly has a safe working load limit of 2,000 lbs. (907 kgs). The safe working load limit is the total load on the gin assembly including load to be lifted, pull on fall line and friction.



WARNING: TAGGING LOADS WILL SUBJECT GIN TO SIDE LOADING THAT WILL REDUCE THE WLL.

The **HEAVY DUTY TRANSFORMER GIN ASSEMBLY** designed for easy installation on the pole with a 5/16" high test chain and tightening handle. The gin can also be installed over a cross arm. The assembly has a safe working load limit of 5,000 lbs. (2,268 kgs). The safe working load limit is the total load on the gin assembly including load to be lifted, pull on fall line and friction.



WARNING: TAGGING LOADS WILL SUBJECT GIN TO SIDE LOADING THAT WILL REDUCE THE WLL.



CAT. NO.	LENGTH	WEIGHT lbs. (kgs)	WLL lbs.
CROSS ARM GIN			
7003	3' (0.91 m)	12 (5.44)	600 (272)
7004	4' (1.22 m)	12 (5.44)	600 (272)
7005	5' (1.52 m)	13 (5.90)	600 (272)

TRANSFORMER GIN ASSEMBLY			
133	-	25 (11.34)	2,000

HEAVY DUTY TRANSFORMER GIN ASSEMBLY			
1200SL	-	39 (17.73)	5,000

GROUND ROD DRIVERS & FRAMING JACK

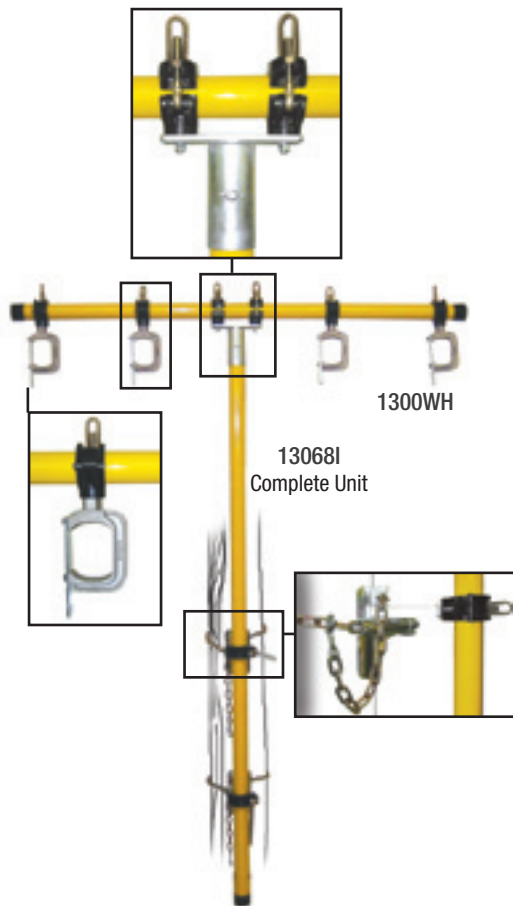
GROUND ROD DRIVERS are 60" (1.52 m) long and drives 5/8" (1.6 cm) ground rods deep by concentrating impact directly to the rod. Light-weight and easy-to-use. Drives 1/2" (1.3 cm) ground rods with less effort than conventional methods. Discs surrounding the handle protect hands from walls, shrubbery and the sliding parts.

ADAPTER for 5/8" (1.6 cm) ground rod are available.

The **FRAMING JACK** is designed to lift the largest poles with ease and safety. The framing jack slips under a pole lying flat on the ground and raises it without danger of it toppling over. Measures 15" (38.1 cm) long. WLL at 2:1 - 3,000 lbs. (1,357 kgs).

CAT. NO.	DESCRIPTION	LENGTH	WEIGHT lbs. (kgs)
GROUND ROD DRIVERS			
1350	Ground Rod Driver	60" (1.52 m)	45 (20.40)
ADAPTERS			
1350058A	For 5/8" (1.6 cm) Ground Rods	-	1/2 (0.21)
FRAMING JACK			
640001	Framing Jack with Ratchet Wrench	-	58 (26.38)
6400B	Ratchet Wrench Only	-	1 (0.45)





The **TEMPORARY TRANSFER ARM** is used to change crossarms, insulators or poles on short spans up to and including 15 kV phase to phase. The mast (Cat. No. 1306M) is 2-1/2" in diameter by 6 feet (1.82 m) long. The horizontal arm (Cat. No. 1340WHF8) is 2-1/2" in diameter by 8 feet (2.44 m) long. The arm has a balanced load rating of 600 lbs. (272 kgs); unbalanced at 150 lbs. (68 kgs).

The **TEMPORARY SIDE ARM - POLE MOUNTED** holds energized conductors during replacement of poles and repair or replacement of insulators. It is made of 2-1/2" (6.3 cm) diameter foam-filled fiberglass with removable and adjustable wire holders. Each arm has a strap hoist or chain binder. Specify length of arm and number of wire holders needed. Side arms without insulators are rated for 15 kV; with insulators, 35 kV. Eight foot side arm includes arm support. WLL: 4 FT (1.22 M) - 300 LBS. (136 Kgs)

The 6 foot (1.83 m) side-mounted **TEMPORARY SIDE ARM - CROSS ARM MOUNTED** has 2 wire holders and is used as a temporary conductor holder while replacing or repairing existing conductors or insulators. Made from 2 1/2" diameter foam-filled fiberglass. Both wire holders are adjustable and removable. Units without insulators are rated for 15 kV and 35 kV with insulators. WLL: 300 LBS. (136 Kgs) OR 150 LBS. (68 Kgs) PER WIRE HOLDER.



156024NI

CAT. NO.	NUMBER OF WIRE HOLDERS	ARM Length	WEIGHT lbs. (kgs)
TEMPORARY SIDE ARM - POLE MOUNTED NYLON STRAP BINDER WITH INSULATORS			
156024NI	2	4' (1.22 m)	17 (7.71)

NYLON STRAP BINDER WITHOUT INSULATORS			
156024N	2	4' (1.22 m)	16 (7.26)

CAT. NO.	FOR CROSS ARM SIZE	WEIGHT lbs. (kgs)
TEMPORARY SIDE ARM - CROSS ARM MOUNTED WITH INSULATORS		
15466I	6" x 6" (15.2 x 15.2 cm)	23 (10.43)

CAT. NO.	WEIGHT lbs. (kgs)
TEMPORARY TRANSFER ARMS WITH INSULATORS	
13068I	65 (29.48)

TEMPORARY TRANSFER ARMS WITHOUT INSULATORS	
13068	65 (29.48)

TEMPORARY TRANSFER ARMS INSULATORS	
1309GIB	1 (0.45)

WIRE HANGER WITHOUT INSULATORS	
1300WH	3 (1.36)

TEMPORARY SIDE ARM WIRE HANGER WITHOUT INSULATORS	
1309D	2.5 (1.13)

FIBERGLASS HOT CLAMPSTICKS REPAIR PARTS LIST

EXTERNAL ROD

REF. NO.	CAT. NO.	DESCRIPTION
1	20178	Guide Assembly
2	20260	Roll Pin .125" Dia. x .5" Lg. (3.2 x 13 mm)
3	20174	Ferrule
4*	20265-1	Operating Rod
5*	20381	Operating Rod Guide
6	20250	Handguard Sleeve
7	20114	Hotstick Blank 1.25" Dia. (32 mm)
8	20262	Roll Pin .125 Dia. x .56 Lg. (3.2 x 14 mm)
9	20251	Operating Rod Connector
10	20258	Hex Socket Set Screw .375-16 x 1.25
11	20257	Flat Head Screw 10-32 x 1.125 Lg. (254-813 x 29)
12	20253	Adjustment Block
13	20254	Compression Spring
14	20139	Button
15	20263	Roll Pin .125 Dia. x .75 Lg. (3.2 x 19)
16	20445	10-32 Hex Jam Nut
17	20443	Hex Head Machine Screw 10-32 x 1.25
18	20140	Trigger
19	20255	Torsion Spring
20	20141	Handgrip
21	20142	Rack for Handgrip
22	20257	Flat Head Screw 10-32 x 1.125 Lg. (254-813 x 29)
23	20252	Handgrip Sleeve
24	1959	End Cap
25	20176	Jaw Hook
26	20332	Roll Pin .25 Dia. x .47 Lg. (6 x 12)
27	20470	Hook Spring
28	20177	Hook Holder

ASSEMBLY NO.	DESCRIPTION	CONSIST OF PARTS
4317	Hook Assembly	25, 26, 27, 28

