

Section C
of TELEPHONE EQUIPMENT
& SUPPLIES CATALOG

ISSUED APRIL, 1973

INSULATORS & FIXTURES

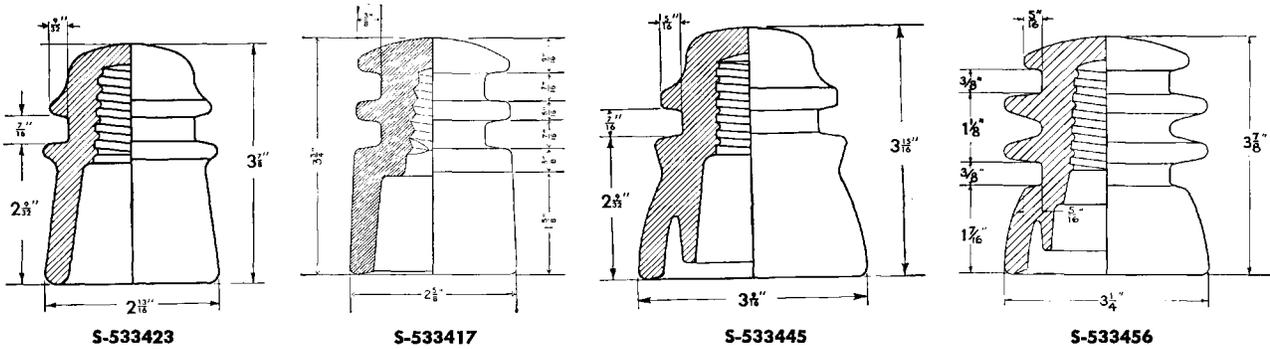
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GTE AUTOMATIC ELECTRIC

NORTHLAKE, ILLINOIS 60164 / TELEPHONE (312) 562-7100

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Glass Insulators

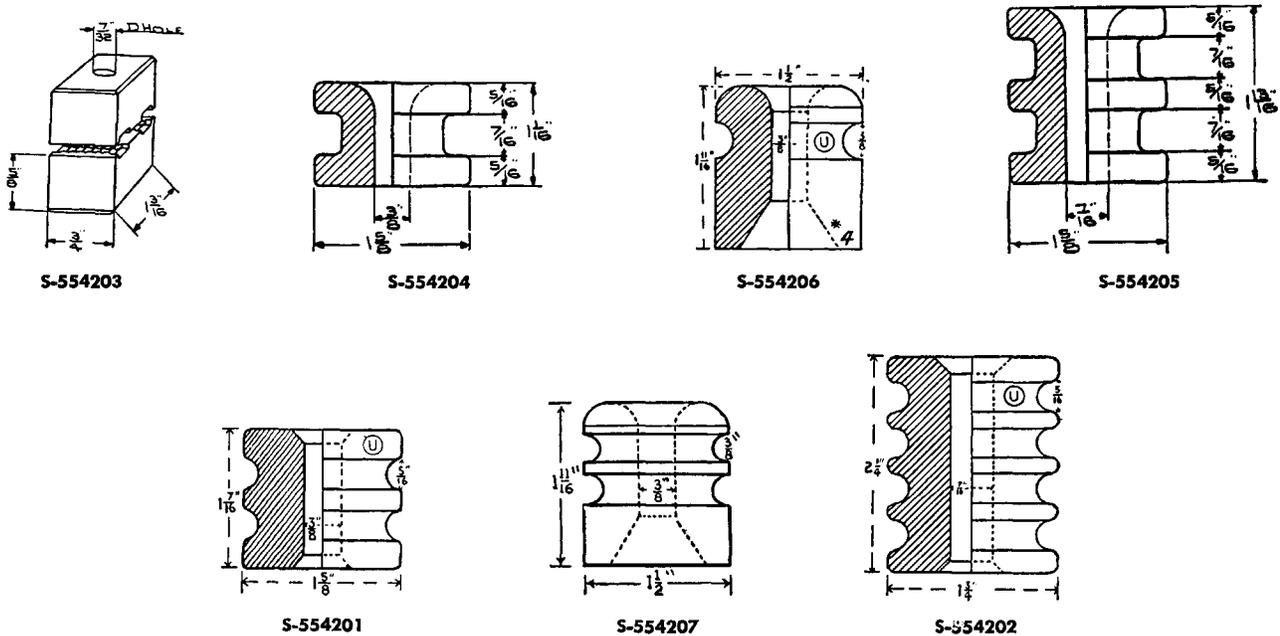


- S-533417** Used on medium length lines. Long leakage path. Single petticoat insulator mounted on a standard pin.
- S-533423** For mounting on a steel pin cushioned with a .016 inch lead thimble of an approved equivalent.

- S-533445** For use on long-distance lines. Long leakage path. Bottom shelf of square groove is reinforced for heavy ice loads.
- S-533456** Permits transpositions when mounted on standard pins.

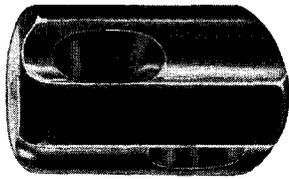
Ordering No.	Type	Description	Std. Pkg.	Wt., Lbs. per 100	Price per 1000
S-533417	2	Toll Line	50	104.2	\$227.55
S-533423	TS	Carrier Service	50	104.0	219.96
S-533445	1	Double Petticoat	40	162.0	256.50
S-533456	TW	One-Piece Transposition	40	148.2	338.02

Porcelain Telephone Knobs



Ordering No.	Description	Std. Pkg.	Wt., Lbs. per 100	Price per 1000
S-554203	Type C, Two-Piece	500	9	\$61.00
S-554204	Type S, Single Groove	500	14	74.00
S-554206	Single Groove	200	22	69.00
S-554205	Type T, Double Groove	100	24	109.00
S-554201	Double Groove	100	18	88.00
S-554202	Four Groove	100	31	135.00

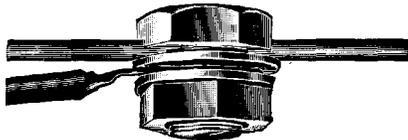
Porcelain Guy Strain Insulators



Used in insulating guy wires and dead-ending distribution circuits. Brown glaze.

Ordering No.	Porcelain Process	DIMENSIONS, INCHES			Std. Pkg.	Wt., Lbs. per 100	Price per 1000
		Length	Dia.	Hole Dia.			
S-514452	Dry	2 1/8	1 1/16	3/8	100	25	\$199.00
S-514450	Wet	3 7/16	2 1/2	5/8	50	80	430.00
S-514451	Wet	5 1/2	3 3/8	1	25	280	851.00

C-R Service Connectors



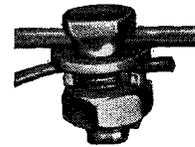
For connecting Copperweld, copper or bronze drop wire to line or interior wire; house wire to service drop wire; for multiple service and party-line connections; pole jumper wires, ground wire connections and many other uses.

Plain or nickel-plated brass is used for copper-to-copper conductors. Tinned types are used for iron-to-copper, or iron-to-iron, conductors.

Ordering No.	Bolt In.	Head & Nut, In.	Slot In.	Receives Wire, Ga.	Material	Std. Pkg.	Price per 100
S-531076	5/16	1/16	3/32	{ No. 12 B&S No. 14 NBS No. 14 BWG }	Brass	100	\$16.83
S-531077	5/16	1/16	3/32	{ No. 12 B&S No. 14 NBS No. 14 BWG }	Brass-Tinned	100	18.81
S-531078	1/16	5/8	1/8	{ No. 10 B&S No. 12 NBS No. 12 BWG }	Brass-Nickeled	50	23.76
S-531079	1/16	5/8	1/8	{ No. 10 B&S No. 12 NBS No. 12 BWG }	Brass-Tinned	50	25.74
S-531080	1/16	5/8	1/8	{ No. 10 B&S No. 12 NBS No. 12 BWG }	Brass	50	26.73
S-531081	3/8	1/2	1/8	{ No. 10 B&S No. 12 NBS No. 12 BWG }	Brass	100	20.79
S-531082	3/8	1/2	1/8	{ No. 10 B&S No. 12 NBS No. 12 BWG }	Brass-Tinned	100	22.77
S-531083	1/16	5/8	.137 Diagonal	{ No. 8-10 B&S No. 10-12 BWG }	Brass	50	33.66

Prices are subject to change without notice.

Bridging Connectors



Cold forged employing a high strength, corrosion resistant copper alloy. A close-grained, formed structure free of sharp edges and with highly accurate embossed threads. Percentage of thread form is exceptionally high. Extremely close tolerances are maintained.

Basic Connectors without Accessories
For Copper and Copperweld Conductors

Ordering No.	MAXIMUM WIRE SIZE			Std. Pkg.	Wt., Lbs. per 100	Price per 100
	AWG Solid	AWG Strand	Copperweld			
S-531097	9	10	—	100	2	\$23.23
S-531104	9	10	—	100	2	26.14
S-531095	8	8	—	100	2 3/4	26.14
S-531106	8	8	—	100	3	29.05
*S-531092	6	8	8A	100	6	33.89
*S-531091	4	4	6A	100	8 1/2	43.56

Electro-Tin Plated Connectors—Without Spacer
For Copper to Copper, Steel to Steel, and Aluminum to Aluminum Conductors

Ordering No.	Steel B&W Solid	MAX. WIRE SIZE—Alum. or Copper		Std. Pkg.	Wt., Lbs. per 100	Price per 100
		AWG Solid	AWG Strand			
S-531098	12	9	10	100	2	\$24.20

Electro-Tin Plated Connectors—†With Spacer
For Copper to Copper, Copper to Aluminum, Aluminum to Aluminum, Steel to Copper, and Steel to Aluminum Conductors

S-531110	12	9	9	100	2 1/4	\$31.32
S-531099	12	9	10	100	2 1/4	27.11
S-531096	10	8	8	100	3	30.01
S-531094	8	6	8	100	7 1/2	43.56

*2 or 3 wire. †Spacer is plated copper washer.

Ground Wire Connector



Plated bronze connector designed to connect #6 copper ground wire to support strand of Figure 8 type cable. The piercing teeth puncture through the messenger insulation when tightened, eliminating skinning, and forms a positive ground connection.

Ordering No.	Messenger Range, In.	Ground Tap, In.	Bolt Size, In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-522172	.146 to .312	.146 to .232	5/16	50	26	\$73.00

Bronze Distribution Connectors

Vise type connectors that are designed for distribution, Service, or tap connections.

Ordering No.	CONDUCTOR RANGE		Bolt Size, In.	Bolt Head (Hex.), In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
	Sol.	Str.					
S-522169	4	5	5/16	5/16	50	16	\$41.70
S-522170	6	8	1/4	3/8	50	9	34.80



Insulated Screw Eyes



The porcelain ring has a diagonal opening which allows the easy insertion of wires and when pulled taut they cannot become released from the ring.

The porcelain is glazed on the interior surface of the ring and on the surfaces of the slot. The steel screw eye is hot galvanized. Opening $\frac{3}{32}$ inch.

Ordering No.	Eye Type	Eye Size, In.	Overall Length, In.	Shank Under Bend, In.	Size Anchor	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-551980	Short	$\frac{5}{8}$	$2\frac{7}{8}$	$1\frac{1}{4}$	10-14x $\frac{3}{4}$ "	100	$8\frac{1}{2}$	\$10.96
S-551981	Long	$\frac{5}{8}$	$3\frac{3}{4}$	$2\frac{1}{8}$	10-14x1"	100	$9\frac{1}{2}$	13.73
S-551982	Short	1	$3\frac{3}{8}$	$1\frac{3}{4}$	10-14x1"	100	18	20.58

Angle Screw Fixtures

Hot Galvanized

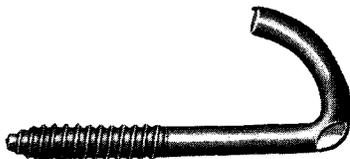


For attaching porcelain knobs for drop wire on wood or stone structures. Has chamfered nut which saves use of washer to prevent chipping porcelain. Clean thread.

Ordering No.	Screw Diam. In.	Lgth. Screw Shank In.	Lgth. Bolt Thread In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-557005	$\frac{5}{16}$	$2\frac{1}{4}$	1	100	10	\$13.91
*S-557007	$\frac{5}{16}$	$2\frac{1}{4}$	1	100	11	13.91
S-557006	$\frac{3}{8}$	2	$1\frac{1}{8}$	100	20	23.35

*Made of $\frac{5}{16}$ -inch stock and is heavier than No. S-557005.

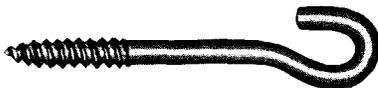
House Hooks



Used to attach drop-wire to buildings and poles. Gimlet point threads.

Ordering No.	Size, Inches	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-553004	$\frac{5}{16} \times 3\frac{1}{2}$	100	10.5	\$12.00

Miniature House Hooks

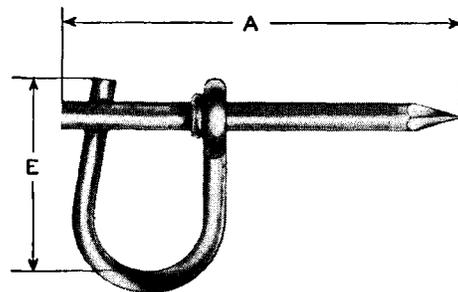


Light type galvanized house hook used with "P" clamps, drop wire clips or other drop wire fixtures. 1 inch rolled wood-screw thread.

Ordering No.	Size, Inches	Std. Pkg.	Wt., Lbs. Per 100	Price Per 1000
S-553003	.187x3x1	500	3	\$30.94

Drive Rings

Hot Galvanized



For use with neoprene jacketed drop and block wires.

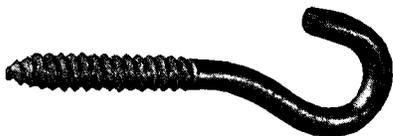
Made so that the striking end is elevated above the ring, making it easy to drive without bending the ring or pin.

When drive rings are used for installation in masonry, use Hammer Drive Anchors.

Ordering No.	Size In.	DIMEN. INCHES		Anchor Size In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
		A	E				
S-556681	$\frac{1}{2}$	$2\frac{1}{16}$	$\frac{3}{4}$	$\frac{3}{16} \times \frac{7}{8}$	50	1.8	\$1.78
S-556682	$\frac{5}{8}$	$2\frac{1}{4}$	$1\frac{1}{8}$	$\frac{1}{4} \times 1$	25	3.3	2.71
S-556683	$\frac{7}{8}$	$2\frac{9}{16}$	$2\frac{1}{16}$	$\frac{1}{4} \times 1$	25	6.4	4.58
S-556684	$1\frac{1}{4}$	$2\frac{15}{16}$	$2\frac{3}{4}$	$\frac{5}{16} \times 1\frac{1}{4}$	25	10.0	6.54

House Hooks

Hot Galvanized



For attaching drop-wires to buildings with clamps, drop-wire clips or other drop-wire fixtures.

Ordering No.	Size, Inches	Std. Pkg.	Wt., Lbs. per 100	Price per 1000
S-553005	$\frac{5}{16} \times 4$	200	11	\$80.50

Toggle Bridle Rings



Ordering No.	Size, Inches	Eye, Inches	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-556670	$\frac{3}{16} \times 4$	$\frac{3}{4}$	100	8	\$18.54
S-556671	$\frac{1}{4} \times 4$	$1\frac{1}{4}$	100	17	23.33

C-4

Prices are subject to change without notice.

Bridle Rings
Hot Galvanized



Wood Screw Thread

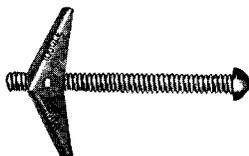


Machine Screw Thread

Bridle rings are easily installed and afford an inexpensive method of distributing wires. Bridle rings with machine screw thread are used with insulator supports.

Ordering No.	Style	Thread	Eye Inches	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-556651	A	Wood Screw	1 5/8	100	11.1	\$9.62
S-556653	C	Wood Screw	1 1/4	100	8.9	8.72
S-556654	E	Wood Screw	5/8	100	3.6	4.08
S-556655	F	Wood Screw	3	100	31.0	36.10
S-556666	K	10-24 Machine Screw	3/4	100	3.8	4.19
S-556667	M	10-24 Machine Screw	1 1/4	100	5.3	4.70
S-556668	Q	1/4"-20 Machine Screw	1 1/4	100	8.1	8.79
S-556669	R	1/4"-20 Machine Screw	1 5/8	100	9.5	9.31

Spring Toggle Bolts



For fastening telephone equipment to hollow walls, floors and ceilings. Equally effective in brick, tile, lath and plaster. Each wing springs automatically to an anchoring position, making the toggle effective where either or both wings can be used.

Bright zinc plated.

Ordering No.	Head	Bolt Size, In. Dia.	Length In.	Drill Size, In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550650	Mushroom	1/8	3	3/8	50	1.75	\$7.80
S-550651	Mushroom	1/8	4	3/8	50	2.25	8.67
S-550652	Round	3/16	3	1/2	50	4.00	8.22
S-550653	Round	3/16	4	1/2	50	4.50	8.67
S-550656	Round	1/4	3	5/8	50	7.00	9.10
S-550657	Round	1/4	4	5/8	50	8.00	9.52
S-550660	Round	5/16	4	7/8	50	13.00	14.74
S-550661	Round	3/16	5	7/8	50	15.00	19.91
S-550665	Round	3/8	4	7/8	25	19.00	19.91

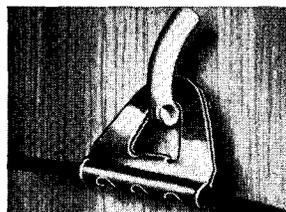
Drop Wire D-Clips

Aluminum clip is used to secure drop wire in snub attachments and for securing the position of plastic tree guards and plastic tubes where wires are required to be protected from obstructions.



Ordering No.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550986	25	1	\$1.88

Drop Wire Clips

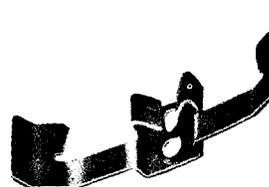


For intermediate drop wire attachment. Clip can be used either with parallel or twisted pair drop wire, where intermediate fastenings are desired on straight line drop extensions.

Clip grips drop wire tightly without damaging the wire. Easy to install.

Ordering No.	Max. Wire Diam., In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550985	.25	250	1.5	\$13.90

Utility Clips



Used to attach drive rings and machine screw headed bridle rings to steel frames. Has no. 10-24 and 1/4"-20 threaded impression.

Ordering No.	Mfgs. No.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550984	UC-250	100	2 1/4	\$6.86

Drop Wire Clip Type E



To secure drop wire and plastic tree guards.

Ordering No.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550987	100	1.1	\$1.98

Type S Drop Wire Grip

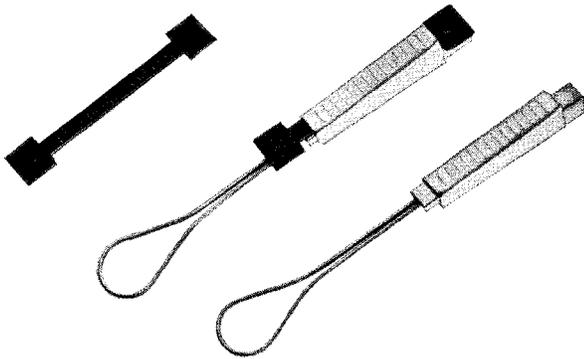


Capable of holding neoprene drop wire to full breaking strength of wire. Long gripping area. Temporary heavy loads do not cause heavy crushing pressures on wire. One-piece, stainless steel. No loose parts to assemble.

Ordering No.	Length, Inches	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-552727	10 1/2	200	7	\$23.00

Prices are subject to change without notice.

Drop Wire Clamps
With and without Floating Type Shim



All-stainless steel type for all-purpose use (including coastal).

Combination stainless and aluminum for normal areas.

Advantages of floating type shim are:

The floating shim permits smoother clamping of the drop wire.

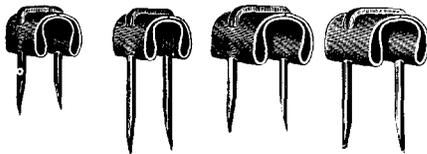
The clamp sets-in readily at initial installation and yet will compensate for further loading.

The plain floating shim makes removal easy and prevents damage to insulation.

All Stainless Steel

Ordering No.	Shim	Description	Std. Pkg.	Wt. Lbs. per 100	Price per 100
S-550957	Plastic	For Dumbbell Drop Wire Nos. 20-17..	50	7.75	\$15.51
S-550956	None	For Non-Reinforced Parallel and Twisted Pair Nos. 20-17	50	7.50	16.12
S-550959	None	For Reinforced Parallel 20-17 and 16-14 Twisted Pair...	50	8.50	15.51
S-550958	Plastic	For Reinforced Parallel 20-17 and 16-14 Twisted Pair...	50	8.75	17.03

Blake Insulated Staples



Double fiber insulation protects wire from contact with metal part of staple. May be driven over several wires with out danger of grounding.

Ordering No.	SIZE, INCHES		Std. Pkg.	Wt., Lbs. per 100	Price per 1000
	Length	Spread			
S-557450	1/2	3/16	100	.17	\$1.98
S-557451	3/4	3/16	100	.20	1.98
S-557452	5/8	1/4	100	.20	1.98
S-557453	3/4	1/4	100	.21	1.79
S-557454	7/8	1/4	100	.30	1.79

C-6

Prices are subject to change without notice.

Adhesive Cable Clip



For fastening inside wire and cable on desks and interior walls. Extruded gray vinyl with pressure sensitive foamed vinyl adhesive backing.

Ordering No.	Base Length, In.	Base Width, In.	Nominal Dia., In.	Wire Dia. Range, In.	Std. Pkg.	Wt., Lbs. per 100	Price per Box
S-550977	1 1/4	3/4	3/16	1/64 to 15/64	10	30	\$4.07
S-550978	1 1/2	3/4	1/4	15/64 to 5/16	10	40	4.59
S-550979	1 3/4	1	5/16	19/64 to 13/32	10	40	5.85
S-550980	2	1	3/8	25/64 to 1/2	10	40	7.11

Ground Wire Clamp

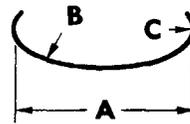
Hot Galvanized



For 14 AWG plastic ground wire. A one inch nail holds clamp firmly in place.

Ordering No.	Max. Wire Size, In.	Std. Pkg.	Wt., Lbs. per 1000	Price per 1000
S-550960	1/8	500	3	\$5.50

Cable Clasps



Three sizes accommodate various-sized cables. Clasps may be screwed to surface and cable held in place by bending the clasp around it. Electro-galvanized, rust-resistant finish.

Ordering No.	Color	DIMENSIONS, IN.			Width Hole Inches	Mtg. Hole Inches	Std. Pkg.	Wt., Lbs. per 100	Price per 100 Pkg.
		A	B	C					
S-550971	Beige	1 1/2	1 3/8R	1/4R	5/32	.180	100	.40	\$.61
S-550972	Beige	2	2R	1/4R	3/16	.180	100	.56	.51
S-550973	Beige	3 1/8	3 1/8R	3/8R	1/4	.219	100	1.26	.93

Cable Strap

Two-Hole, Offset



Five degree offset allows cable to be drawn down for tight fit.

Ordering No.	Cable Size, Inches	Height Inches	Length Inches	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-557474	7/8	3/4	2 1/2	100	4.50	\$5.32
S-557475	1	7/8	2 3/4	100	5.00	6.34
S-557476	1 1/4	1 1/16	3 1/2	100	6.50	10.23
S-557477	1 1/2	1 1/16	3 1/2	50	7.25	10.39
S-557478	1 7/8	1 5/8	4 1/8	50	9.88	15.37
S-557479	2 1/4	2	4 1/2	25	13.50	23.19
S-557480	2 3/8	2 3/8	4 7/8	25	15.50	24.56

**Cable Strap
Two-Hole**



Made of extra-heavy galvanized steel. Designed to withstand heavy strains and vibrations. Because of their great strength fewer straps are needed on conduit or cable run.

Ordering No.	Cable Size In.	Pipe Size In.	Size Stock In.	Mtg. Hole In.	Length In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-557455	7/16	1/8	1/2x.048	1/4	1 3/4	500	1.80	\$1.63
S-557456	5/8	1/4	1/2x.048	7/32	2	500	2.00	1.81
S-557457	1/16	3/8	5/8x.062	9/32	2 3/8	250	3.00	3.61
S-557458	3/4	—	1/16x.062	9/32	2 1/2	250	3.30	4.29
S-557459	7/8	1/2	1/16x.062	9/32	2 5/8	250	4.40	4.90
S-557460	1	—	3/4x.080	9/32	2 7/8	250	6.90	5.84
S-557461	1 1/8	3/4	3/4x.080	9/32	2 7/8	250	7.12	6.40
S-557462	1 1/4	1	7/8x.115	9/32	3 1/8	100	14.00	9.42
S-557463	1 5/8	1 1/4	7/8x.115	9/32	3 5/8	100	17.40	13.10
S-557464	1 7/8	1 1/2	7/8x.115	9/32	4	100	19.40	14.15
S-557465	2 1/2	2	1x.115	11/32	5 1/2	100	31.80	21.60

Cable Clamp

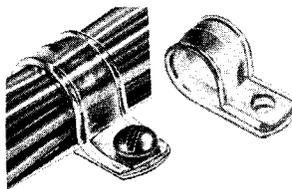
One-Hole

Made of cold-rolled mild steel, annealed and hot-galvanized.



Ordering No.	Cable Size In.	Reg. Pipe Size In.	Size Stock In.	Mtg. Hole Size In.	Lgth. In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550896	3/16	..	1/2x.035	7/32	7/8	500	.400	\$.68
S-550897	1/4	..	1/2x.035	7/32	1 5/16	500	.550	.82
S-550898	5/16	..	1/2x.035	7/32	1	500	.625	.87
S-550899	3/8	1/8	1/2x.048	7/32	1 1/8	500	1.100	1.04
S-550900	7/16	..	1/2x.048	7/32	1 3/16	500	1.200	1.15
S-550901	1/2	1/4	1/2x.048	7/32	1 1/4	500	1.300	1.26
S-550902	9/16	..	1/2x.048	7/32	1 3/8	500	1.400	1.30
S-550903	5/8	..	1/2x.048	7/32	1 3/8	500	1.400	1.36
S-550904	1/16	3/8	5/8x.062	9/32	1 5/8	500	2.120	2.46
S-550905	3/4	1/2	1/16x.062	9/32	2 1/8	500	3.400	3.11
S-550906	7/8	..	1/16x.062	9/32	2 1/4	500	3.500	3.28
S-550907	1	3/4	3/4x.080	9/32	2 3/8	250	5.500	3.73
S-550908	1 1/8	..	3/4x.080	9/32	2 3/8	250	6.750	3.93
S-550909	1 1/4	1	7/8x.115	9/32	2 5/16	100	13.000	9.35

Nylon Cable Clamps



For attaching cable and wire to surfaces in outdoor and marine type locations. Made of solvent-resistant nylon, these clamps withstand alkalis, dilute inorganic acids and most organic acids.

Nylon cable clamps should be applied only to areas where temperatures do not exceed 275°F. (135°C.) or do not go below -60°F. (-51°C.).

Ordering No.	Width Inches	Diam. Inches	Color	Cable O.D., In.	Std. Pkg.	Wt., Lbs. per 1000	Price per 1000
S-550935	1/2	1/4	Black	1/4	100	1.7	\$34.25
S-550936	5/8	1/2	Black	1/2	100	2.8	84.25
S-550937	5/8	3/4	Black	3/4	100	3.8	98.30
S-550938	5/8	7/8	Black	7/8	100	4.2	105.50

Inside Wiring Cable Clamps

One-Hole, Offset



Clamps may be offset to accommodate varying sizes of cable.

Ordering No.	Finish	Cable Size, In.	Lgth. In.	Width In.	Hole Dia., In.	Std. Pkg.	Wt., Lbs. per 100	Price per Box
S-550910	Beige-Enamel	5/32-7/32	1 1/8	5/16	.180	100	.36	\$2.25
S-550911	Beige-Enamel	1/4-5/16	1 3/16	5/16	.180	100	.41	.27
S-550912	Beige-Enamel	5/16-3/8	1 1/16	1/2	.219	50	.82	.22
S-550913	Beige-Enamel	1/2-9/16	1 3/16	1/2	.219	50	1.16	.25
S-550914	Beige-Enamel	5/16-3/4	1 3/4	3/4	.219	25	3.20	.31
S-550925	Galvanized	5/32-7/32	1 1/16	5/16	.180	100	.36	.29
S-550926	Galvanized	1/4-5/16	1 3/16	5/16	.180	100	.41	.31
S-550927	Galvanized	5/16-3/8	1 1/16	1/2	.219	50	.82	.25
S-550928	Galvanized	3/8-1/2	1 1/8	1/2	.313	500	1.10	1.19
S-550929	Galvanized	1/2-9/16	1 3/16	1/2	.219	50	1.16	.29
S-550930	Galvanized	5/16-3/4	1 3/4	3/4	.219	25	3.20	.37

Enter S-550928 as each; Balance enter as package.

Cable Ties

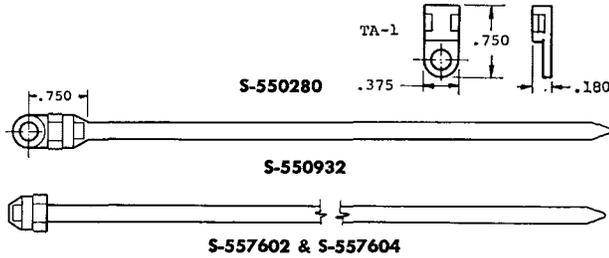


Self locking tie for bundling loose conductors into cable form. Designed for rugged field and shop applications. Stainless Steel tooth, mounted in the eye, locks the tie at any desired diameter. No tools are needed.

Ordering No.	Color	Wire Bundle Range, In.	Length Inches	Width Inches	Std. Pkg.	Price per 1000
S-528300	Black	1/16 to 5/8	3.62	.091	100	\$14.16
S-528301	Blue					
S-528302	Brown					
S-528303	Gray					
S-528304	Green					
S-528305	Orange					
S-528306	Purple					
S-528307	Red					
S-528308	White					
S-528309	Yellow					
S-798300	White	1/16 to 3/4	7.31	.184	1000	12.76
S-528310	Black					
S-528311	Blue					
S-528312	Brown					
S-528313	Gray					
S-528314	Green					
S-528315	Orange					
S-528316	Purple					
S-528317	Red					
S-528318	White					
S-528319	Yellow					
S-798301	White	1/16 to 4	14.19	.184	100	56.73
S-528320	Black					
S-528321	Blue					
S-528322	Brown					
S-528323	Gray					
S-528324	Green					
S-528325	Orange					
S-528326	Purple					
S-528327	Red					
S-528328	White					
S-528329	Yellow					
S-798302	White	1/16 to 4	14.19	.184	1000	51.06

Prices are subject to change without notice.

Lok-Strap



Used for bundling loose conductors of inside wiring cable and fastening to a surface.

S-550932 Self locking adjustable white plastic cable clamp which can be released for wire access. Clamp has a mounting tab with a hole for a #10 screw for use in anchoring.

S-557602 & S-557604 Self locking adjustable white plastic cable tie which can be released for wire access.

S-550280 White plastic tab with a hole for #10 screw and a slot for a self locking tie. For use in anchoring cable ties.

Ordering No.	Description	Wire Bundle Range, Inches	Length Inches	Width Inches	Std. Pkg.	Price per 100
S-550932	Tie-Clamp	1/8 to 1 3/4	7.30	.19	100	\$22.75
S-557602	Tie	1/8 to 1 3/4	6.75	.19	100	20.10
S-557604	Tie	1/8 to 4	12.50	.19	100	27.31
S-550280	Tab		.75	.18	100	3.68

Cable Identification Tie



Self locking red plastic tie for bundling loose wires into cable form. Tie can be marked with heat-stamp, pen or pencil, or other marking instruments.

Ordering No.	Wire Bundle Range, Inches	Length Inches	Width Inches	Std. Pkg.	Price per 1000
S-528330	3/8 to 1 3/4	7 1/4	.184	100	\$71.78

Flexiduct



Flexiduct is a superior floor duct made of rubber. It is quickly and easily applied in any desired length, simply by cementing to the floor—thus eliminating noisy and expensive installations.

Ordering No.	Color	Cable Cap.	Length Ft.	Width In.	Height In.	Chase In.	Ft. per Std. Pkg.	Wt. Lbs. per Std. Pkg.	Price per 100 Ft.
S-551551	Black	4 pr.	10	2 3/4	7/16	1/4 x 1/2	100	39	\$39.00
S-551552	Black	16 pr.	5	3 1/16	2 3/32	1/2 x 3/4	50	33	58.80
S-551554	Beige	4 pr.	50	2 3/4	7/16	1/4 x 1/2	100	39	39.00
S-551555	Beige	16 pr.	5	3 1/16	2 3/32	1/2 x 3/4	50	33	58.80

Flexiduct Cement

Waterproof, will not crystalize. One tube cements 30 feet of S-551551 or 20 feet of S-551552 Flexiduct.

Ordering No.	Size Ounces	Std. Pkg.	Wt., Lbs. per Std. Pkg.	Price per 100
S-550875	4 1/2	36	18	\$73.50

C-8

Prices are subject to change without notice.

Flexiduct Fittings



S-552107



S-552109



S-552108



S-552110

Fittings are made of rubber.

Designed for easy installation. When used with S-551552 Flexiduct, cut lip from fitting and butt squarely to end of duct.

S-552110 combination fitting can be used as tee, riser, ell, 4-way, under-floor input, terminal box, junction box, or in combination of all.

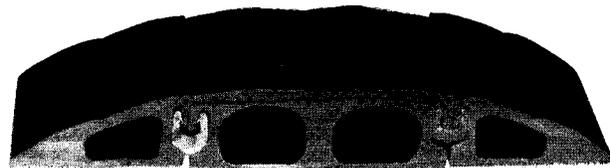
Ordering No.	Color	Description	Std. Pkg.	Wt. Lbs. Std. Pkg.	Price per 100
S-552107	Black	Ell	150	41	\$88.20
S-552108	Black	Riser	75	23	88.20
S-552109	Black	Tee	75	28	88.20
S-552110	Black	Combination	20	15	156.80
552111	Beige	Combination	20	15	156.80

Flexiduct Tape

Tacky on both sides for quick temporary installation.

Ordering No.	Length Feet	Width Inches	Wt., Lbs.	Price per Roll
S-557522	75	1	1	\$2.94
S-557523	75	2	2	5.88

Expandable Floor Duct

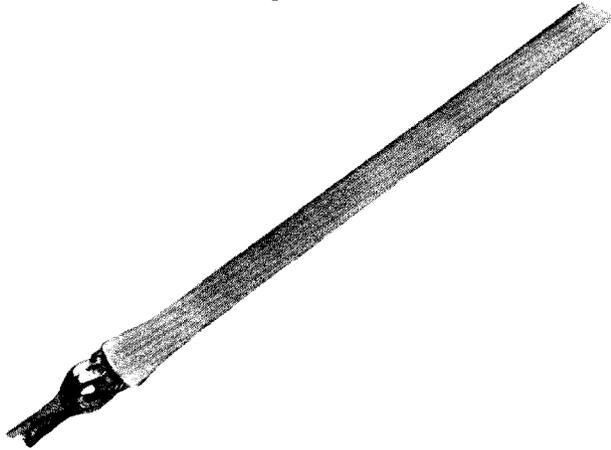


Solves your large, over-the-floor wiring problems such as when more than one 25 pair cable is run across a floor. By adding interlocking sections, an unlimited pair count can be handled.

Made of durable, extruded black rubber. Can be cemented to the floor or applied with two-sided tacky tape. Caster-based equipment rolls easily over beveled sides of duct.

Ordering No.	Type	Cable Cap.	Length Feet	Width Inches	Height Inches	Chase Inches	Std. Pkg.	Wt., Lbs. per Std. Pkg.	Price per 100 Feet
S-551547	Side	25 pr.	5	2	1	1/2 x 3/4	60 Ft.	34	\$70.56
S-551548	Center	50 pr.	5	3	1	3/4 x 1	30 Ft.	33	121.52
S-551549	Tie	—	—	5	—	—	60 Ft.	7	15.68
S-551550	Combination	—	—	—	—	—	30 Ft.	67	294.00

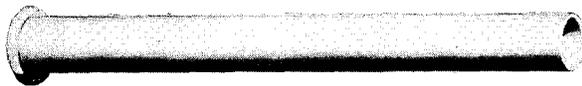
Guy Guard



A tubular plastic guard, 8 feet long, extruded from high-impact polyvinyl chloride. For use on 1/4 to 3/16-inch strand. No mounting hardware required. Packed 25 per carton.

Ordering No.	Preformed No.	Color	Wt., Lbs. Per Ctn.	Price Each
S-514307	PG-5508	Gray	45	\$2.20
S-514308	PG-5528	Green	45	2.69
S-514309	PG-5518	Yellow	45	2.52

Plastic Tubes

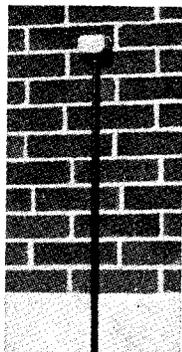


Made of thermoplastic material, non-inflammable and practically unbreakable. Plastic tubes have smaller outside diameter than porcelain tubes and are lighter in weight. Outside diameter, 1/2 inch.

Tubes packed in individual boxes; 5 pieces per box. Approximately 200 pieces per carton.

Ordering No.	*SIZE, IN.		Wt., Lbs. per 1000	Price per 1000
	I.D.	Lgth.		
S-557874	3/8	4	19	\$43.73
S-557875	3/8	6	25	55.64
S-557876	3/8	8	32	66.64
S-557878	3/8	12	44	87.46

*1/2 and 5/8-inch inside diameters are also available in same lengths.



P-Class Wire Moulding

Made of high impact rigid vinyl. Protects wires at the point where they rise from the ground to the protector box. Shaped to fit over double headed nails with heads 1/4 to 3/8 inch in diameter. No staples or straps required.

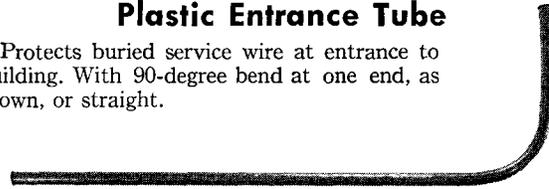
For mounting on masonry surface use 1/4 x 1 inch double head hammer drive anchors.

Ordering No.	Width Inches	Length Feet	Std. Pkg.	Ft., Per Std. Pkg.	Wt., Lbs. per 1000 Ft.	Price per 1000
S-524285	1/2	8	125	1000	52	\$43.17

Other lengths available on special order.

Plastic Entrance Tube

Protects buried service wire at entrance to building. With 90-degree bend at one end, as shown, or straight.



Ordering No.	Type	ID, In.	Length, In.	Std. Pkg.	Price Each
S-557870	90° Bend	3/4	43	25	\$.37
S-557871	Straight	3/4	43	250	.23

Entrance Tube Cement

For use with tubing listed above.

Ordering No.	Description	Std. Pkg.	Wt., Lbs. Std. Pkg.	Price Each
S-550876	Half-pint Can	6	3 3/4	\$1.36

Plastic Tree Guards



For use on bare conductor, strand, plastic covered cable and messengered cable. Consists of two strips of cylindrical shaped plastic that form a tight sheath around cable.

Ordering No.	Length Feet	Wall Thickness Inches	DIAMETER RANGE		Std. Pkg.	Wt., Lbs. per 100	Price Each
			Min.	Max.			
S-522809	3	5/64	.543	.568	100	30	\$.49
522810	3	5/64	.599	.641	100	32	.52
S-522811	3	5/64	.642	.706	100	34	.66
S-522815	3	3/32	.948	1.010	100	58	.86

Cable Guards



To protect plastic sheath cable and distribution wire against abrasion where it rubs against suspension clamps. Made of Flexible Polyethylene and slit all the way along one side with overlap.

Ordering No.	Size In.	I.D. In.	Wall In.	Lgth. In.	For Cable Size, In.	Wt., Lbs. per 100	Price per 100
S-522772	1/2	.500	.070	8	3/8 to 5/8	4	\$5.85
S-522774	1	.800	.070	8	5/8 to 1	5	7.64
S-522776	1 1/2	1.350	.070	8	1 to 1 3/4	8 1/2	12.03
S-522778	2	2.250	.070	8	1 3/4 to 3	16 1/2	17.90

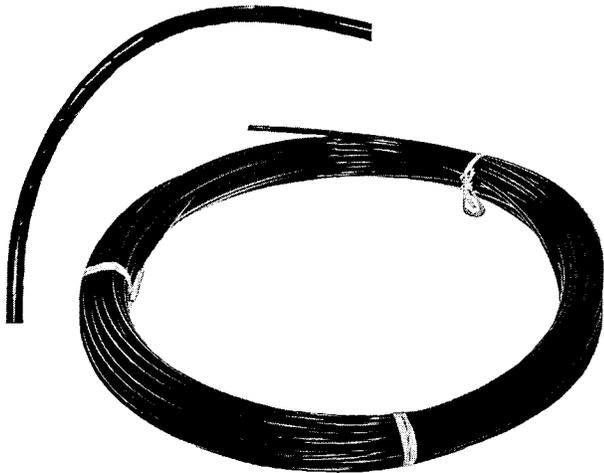
Cable Tree Guards

Identical to cable guards listed above except 6-ft. size.

Ordering No.	Size In.	I.D. In.	Wall In.	Lgth. Ft.	For Cable Size, In.	Wt., Lbs. per 100	Price per 100
S-522780	1	.800	.070	6	5/8 to 1	50	\$188.00
S-522781	1 1/2	1.350	.070	6	1 to 1 3/4	100	225.00
S-522782	2	2.250	.070	6	1 3/4 to 3	150	293.00

Prices are subject to change without notice.

Plastic Wire Guards



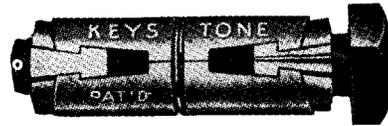
Rugged, resistant to abrasion. Treated with a violet ray inhibitor to withstand severe weather.

- S-552741** Protects station wires attached to walls or passed through partitions.
- S-552742** For use in insulating line wires.
- S-552743** Used for tree guard. Wound into a close helix, can be easily spiraled on drops.
- S-552744** A tree guard formed from extruded thermoplastic tubing.
- S-552745** For use in insulating line wires.

Ordering No.	Color	I.D. Inches	Wall Thickness Inches	Length Feet	Std. Pkg.	Wt., Lbs. Per Std. Pkg.	Price
S-552741	Clear	1/4	.040	50	10	11.5	\$1.50CL
S-552742	Black	3/16	.037	100	10	16.0	1.80CL
S-552743	Black	1/16	.045	3	10	1.4	16.63C
S-552744	Black	1/16	.045	3	10	1.4	15.63C
S-552745	Clear	3/16	.035	100	5	11.5	3.99C

Double Expansion Shields

For Use with Machine Bolts

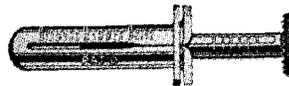


Precision die cast of zinc base alloy with all radii and bevels equal for easy installation and positive uniform expansion. Nutstop prevents over tightening and nut pullout. Anti-turning ribs on collar prevent shield from rotating before expansion sets up. Compensates for hole taper-variations in hole size caused in drilling process and by the nature of the masonry.

Machine bolts must be ordered separately.

Ordering No.	Bolt Diam. In.	Lgth. In.	Drill Size In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550222	1/4	1 1/2	1/2	50	4	\$17.01
S-550223	3/8	2	3/4	50	11	28.28
S-550224	1/2	2 1/2	7/8	25	19	37.47

Hammer Drive Anchors



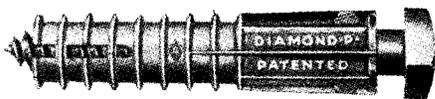
A forged aluminum nail-type anchor assembly consisting of anchor and hot galvanized nail.

Holds a greater load when fastened into stone than a wood screw of the same diameter fastened into wood. No special tools needed. Just drill hole, insert shield through hardware hole, and drive nail with hammer.

Ordering No.	Size, In.	Drill Size, In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550252	1/4x1	1/4	100	1 1/2	\$6.19
S-550253	1/4x1 1/4	1/4	100	2	6.68
S-550254	1/4x1 1/2	1/4	100	2 1/2	8.42

Lag Screw Expansion Shield

Style P-Long



Precision die cast of zinc base alloy. Has a four way and parallel expansion for use in masonry.

The inclined surfaces cause a powerful wedge expansion with exceptional holding qualities. The greater the load the tighter the hold.

Lag screws must be ordered separately.

Ordering No.	Lag Diam. Inches	Length Inches	Drill Size, In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550290	1/4	1 1/2	1/2	50	4	\$9.91
S-550291	3/16	1 3/4	1/2	50	3 3/4	11.89
S-550293	1/2	3	3/4	25	15 1/2	25.11

Screw Anchor

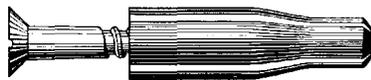
Wood Screw Type



Lead shields for anchoring wood screws in cement, brick, glass, tile and similar substances. Screws furnished separately.

Ordering No.	Size Screw Length Inches	Drill Size, In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-550281	6- 8 x 3/4	1/4	100	1	\$2.95
S-550282	6- 8 x 1	1/4	100	1 3/8	2.95
S-550283	6- 8 x 1 1/2	1/4	100	1 3/4	3.31
S-550285	10-14 x 1	5/16	100	1 3/4	3.31
S-550286	10-14 x 1 1/2	5/16	100	2 1/2	4.12
S-550287	16-18 x 1	3/8	100	2 3/4	4.03
S-550288	16-18 x 1 1/2	3/8	100	4	5.05

Plastic Screw Anchors



For wood or lag screws. Anchor should be as long as screw thread area.

Order screws separately.

Ordering No.	ANCHOR SIZE Length Inches	FOR SCREW Size	Length Inches	Drill Hole Inches	Std. Pkg.	Price per 100
S-550260	6	3/4	4, 5, 6 Wood	1, 1 1/4	11/64	100 \$1.35
S-550261	6	1	4, 5, 6 Wood	1 1/2	11/64	100 1.49
S-550270	8	3/4	5, 6, 7, 8 Wood	1, 1 1/4	3/16	100 1.66
S-550262	8	1	5, 6, 7, 8 Wood	1 1/2	3/16	100 1.87
S-550263	10	1	7, 8, 9, 10 Wood	1 1/2, 1 3/4	7/32	100 2.13
S-550272	10	1 1/2	7, 8, 9, 10 Wood	2, 2 1/2	7/32	100 2.59
S-550273	12	1 1/2	9, 10, 12 Wood	1 3/4, 2	1/4	100 3.02
S-550274	14	1 1/2	12, 14 Wood	2, 2 1/2	9/32	100 3.58
S-550275	14	2	12, 14 Wood	3, 3 1/2	9/32	100 4.17
S-550267	16	2	14, 16, 1/4 Lag	3, 3 1/2	5/16	50 4.95
S-550269	20	2	18, 20, 5/16 Lag	2, 2 1/2	3/8	50 5.96

Plastic Screw Anchors

For wood and sheet metal screws.



Ordering No.	ANCHOR Length, In.	Screw Size	Drill Size In.	Std. Pkg.	Wt., Lbs. per 1000	Price per 100
S-550276	1	6, 8, 10	3/16	100	0.5	\$ 7.79
S-550277	2	10, 12	1/4	100	1.5	1.00
S-550278	3	14, 16	5/16	50	3.5	1.45

Nylon Screw Anchors

For solid walls.



Ordering No.	Screw Size	Drill Size, In.	Units per Std. Pkg.	Wt., Oz. per Std. Pkg.	Price per 100
S-550195	6	1/4	100	2.75	\$1.61
S-550196	8	5/16	100	4.00	1.78
S-550197	10	3/8	50	4.00	2.21
S-550198	12	7/16	50	7.00	3.37
S-550199	14	1/2	25	5.75	5.76

Hollow Wall Screw Anchors

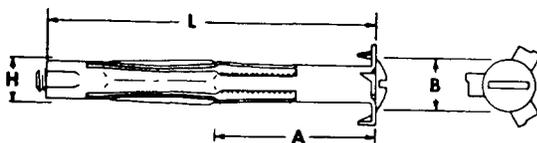
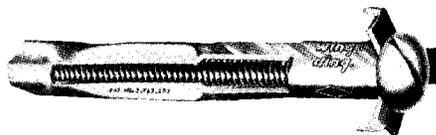


Ordering No.	Head Dia., In.	Body Dia., In.	Sleeve Length, In.	Expander Length, In.	Nut Length, In.	Overall Length, In.	Thread	Units Per Std. Pkg.	Wt., Lbs. per 100	Price per Box
S-550240	1/2	1/4	3/8	5/8	5/16	1 1/2	6-32	10	1.25	\$.33
S-550241	1/2	1/4	3/16	5/8	5/16	1 13/16	6-32	10	1.50	.34
S-550242	1/2	1/4	1 1/16	5/8	5/16	2 9/16	6-32	10	2.00	.46
S-550243	5/8	3/8	3/8	1 1/16	1/2	2 1/4	10-24	10	3.50	.56
S-550244	5/8	3/8	7/8	1 3/16	1/2	2 3/4	10-24	10	4.25	.57
S-550246	1 1/16	1/16	3/8	1 3/16	1/2	2 1/4	1/4-20	10	5.00	.64
S-550247	1 1/16	1/16	7/8	1 3/16	1/2	2 3/4	1/4-20	10	6.25	.71
S-550248	1 1/16	1/16	1 1/2	1 3/16	1/2	3 1/2	1/4-20	10	8.00	.81

Screws must be ordered separately.

Hollow Wall Anchors

With Positive Tri-Prong Setting



Fasten to hollow doors, hollow or furred walls of plywood, plaster or composition board. Anchors will not function unless wall thickness is less than dimension "A."

Ordering No.	Size	DIMENSIONS, INCHES			Wall Thickness	Drill Hole In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
		A	B	H	L				
S-550216	4SS	1/2	5/16	1/4	1	1/16 to 3/8	1/4	50	1.0 \$3.69
S-550217	4SL	7/8	5/16	1/4	2	1/16 to 3/4	1/4	50	1.6 5.10
S-550219	5SL	1 3/8	5/16	5/16	2 3/4	1/4 to 1 1/4	5/16	25	3.6 7.22

Prices are subject to change without notice.

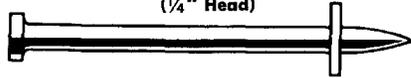
C-11

Forced Entry Fastening System

Provides a fast, reliable, and economical method of fastening steel, wood, or aluminum to concrete, masonry and mild steel. Drivepins can withstand thousands of pounds of pull-

out force. Made of special steel, heat-treated for maximum strength and plated for corrosion resistance. Metal washer positions drivepin in center of tool barrel.

**Headed Drivepins
(1/4" Head)**



For direct fastening of an object to concrete.

Ordering No.	Overall Length, In.	Shank Dia., In.	Std. Pkg.	Ship. Wt., Lbs. per 100 Pkg.	Price per 100 Pkg.
S-556101	1/2	.125	12	4.56	\$34.09
S-556102	3/4	.125	12	6.36	31.63
S-556103	1	.143	12	6.72	34.48
S-556104	1 1/4	.143	12	9.72	34.75
S-556105	1 1/2	.143	12	11.28	36.46
S-556106	2	.143	12	13.56	40.86
S-556107	2 1/2	.143	12	16.56	49.72
S-556108	3	.143	12	18.72	57.31

Wire Loop Drivepins



For securing wire loops described below.

Ordering No.	Overall Length, In.	Shank Dia., In.	Shank Length, In.	Std. Pkg.	Ship. Wt., Lbs. per 100 Pkg.	Price per 100 Pkg.
S-552031	1 1/2	.143	3/4	12	15.72	\$65.56
S-552032	1 3/4	.143	1	12	16.56	67.13
S-552033	2	.143	1 1/4	12	18.00	79.23

**Threaded Drivepins
(1/4" -20 UNC)**



For bolting an object to the working surface after drivepin has been set.

Ordering No.	Overall Length, In.	Shank Dia., In.	Thread Length, In.	Std. Pkg.	Ship. Wt., Lbs. per 100 Pkg.	Price per 100 Pkg.
S-556110	1 1/4	.143	1/2	12	12.00	\$73.26
S-556111	1 1/2	.143	1/2	12	14.28	65.76
S-556112	1 3/4	.143	1/2	12	15.72	71.32
S-556113	2	.143	1 1/4	12	13.44	109.08
S-556114	2 1/4	.143	1 1/4	12	22.44	93.15
S-556115	2 1/2	.143	1 1/4	12	21.84	70.52

Wire Loops



For installation of wire, cable. Use with wire loop drivepins.

Ordering No.	Inside Dia., In.	Std. Pkg.	Ship. Wt., Lbs. per 100 Pkg.	Price per 100 Pkg.
S-554609	1/2	12	11.28	\$33.84
S-554610	5/8	12	17.28	40.09
S-554611	7/8	12	24.72	51.45
S-554612	1 1/4	12	36.00	74.27

Nicopress Splicing Sleeves

For Solid Copper Wire



Ordering No.	Gauge B & S	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537205	14	17-2	200	1/2	\$2.38
S-537185	14	C	100	1 1/2	4.34
S-537186	12	C	100	1 1/2	4.52
S-537187	12	D	100	1 3/4	7.92
S-537188	10	C	100	1 1/4	5.28
S-537189	10	D	100	1 3/4	7.92
S-537191	9	D	100	1 1/2	7.92
S-537193	8	J	100	4 1/2	12.03
S-537195	6	J	100	4 1/2	12.03

For Galvanized Steel, Copperweld, Stainless

Steel and Aluminum Lashing Wire

Ordering No.	Wire Dia.	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. Per 100	Price Per 100
S-525082	.045	17-2	200	1/2	\$3.18
S-525081	.061	C	100	3/4	4.34

For Solid Copper—Covered Steel

(30% and 40% Conductivity. High and Extra High Strength)

Ordering No.	Gauge AWG	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537185	14	C	100	1 1/2	\$4.34
S-537187	12	D	100	1 3/4	7.92
S-537222	10	D	100	2	8.57
S-537190	10	J	100	5 1/2	12.03
S-537192	9	J	100	5 1/2	12.03
S-537225	8	J	100	5	16.57
S-537197	6	P	50	12 1/2	27.00

For Signal Cable Conductors

(Tinned Copper Cable Sleeves—Type S)

Ordering No.	Gauge B & S	Length Inches	Std. Pkg.	Ship. Wt. Lbs. per 100	Price per 100
S-525680	16	1 1/2	200	1/2	\$3.58

Nicopress Splicing Sleeves cont'd.

For Galvanized Steel Conductors

Ordering No.	Gauge BWG	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537198	14-BB & 85	C	100	1½	\$5.01
S-537232	14-BB, 85, & 155	C	100	1½	6.63
S-537230	12-BB	C	100	1¼	5.77
S-537235	12-BB	C	100	1½	7.08
S-537236	12-BB	D	100	1½	7.94
S-537237	12-85	D	100	1¾	9.53
S-537238	12-135	D	100	2½	11.12
S-537239	12-190 & 195	D	100	4	15.49
S-537199	12-Rusty or Undersize	C	100	1¼	5.77
S-537201	10-BB & 85	J	100	4	11.78
S-537202	9-BB & 85	J	100	4½	13.00
S-537203	8-BB	J	100	4½	14.43

For Drop, Bridle, and Inside Wire

Ordering No.	Wire Size	For Use In Tool No.	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-557311	19-20-22 B & S Copper	17-2	200	¼	\$2.38
S-557312	{ 17-18 AWG Copper-Covered Steel 17-18 B & S Bronze 17-18 B & S Copper	17-2	200	¾	2.38
S-537204	{ 16 B & S Copper 16 AWG Copper-Covered Steel	17-2	200	¾	2.38
S-537205	14 B & S Copper	17-2	200	¾	2.38

**For Multi-Pair Distribution Wire
(Insulated Splicing Sleeves)**

Ordering No.	Wire Size	Approx. Thickness of Wire Insulation	For Use In Tool No.	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537240	19 AWG	.025	D17	100	2	\$10.46
S-537243	19 AWG	.015	D17	100	2	10.46
S-537241	22 AWG	.025	D17	100	2	10.46
S-537242	24 AWG	.025	D17	100	2	10.46

**For Terminal Block Connections
(Type H Splicing Sleeves)**

Ordering No.	Cable Cond. AWG	Term. Block Cond. AWG	Color	For Use In Tool No.	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537251	19	24	Blue	17-2	200	½	\$1.75
S-537250	20 or 22	24	Plain	17-2	200	½	1.75
S-537252	24 or 26	24	Red	17-2	200	½	1.75

Splice Separators

Ordering No.	Wire Size and Type	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-557225	Drop Wire 17 & 18 AWG	100	1	\$1.99
S-536960	{ One Pair Parallel (C Rural) Distribution Wire 12 AWG 14 AWG, 14 BWG	100	2	2.98

Nicopress Reducing Sleeves



For Copper Wire to Copper or Copper-Covered Steel Wire

Ordering No.	Gauges B&S to B&S	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-557310	17, 18 to 19, 20, 22	17-2	200	½	\$3.93
S-537103	12 to 19, 20, 22	C	100	1½	6.80
S-537104	12 to 17, 18	C	100	1½	6.80
S-537106	12 to 14	C	100	1½	6.80
S-537108	10 to 19, 20, 22	C	100	1½	7.94
S-537112	10 to 14	C	100	1½	7.94
S-537109	10 to 17, 18	C	100	1½	7.94
S-537113	10 to 14	D	100	1¾	11.90
S-537114	10 to 12	C	100	1½	7.94
S-537127	8 to 10	J	100	4½	18.06
S-537133	6 to 8	J	100	4	18.06

For Galvanized BB Wire

Ordering No.	Gauges BWG to BWG	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537160	12 to 14	C	100	1½	\$8.66

For Galvanized Wire to Drop, Bridle and Inside Wire

Ordering No.	Gauges BWG to B&S	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537142	14 to 17, 18	C	100	1½	\$7.47
S-537144	12 to 19, 20, 22	C	100	1½	8.66
S-537145	12 to 17, 18	C	100	1½	8.66
S-537147	12 to 16	C	100	1½	8.66
S-537149	12 to 14	C	100	1½	8.66

For Copper—Covered Steel Wire

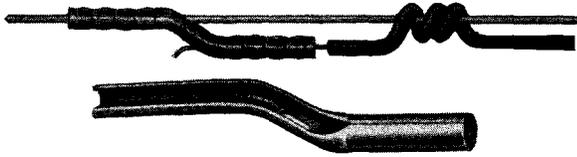
Ordering No.	Gauges AWG to AWG	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537114	10 to 12	C	100	1½	\$7.94
S-537127	8 to 10	J	100	4½	18.06

For Multi-Pair Distribution Wire

Ordering No.	Wire Sizes AWG	For Use In Tool No.	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537244	{ 19, 20, 22 to 19, 20, 22 19, 20, 22, 24 to 17, 18	17-2	200	½	\$3.58

Prices are subject to change without notice.

Nicotap Sleeves



For Copper, Copper-Covered Steel and Bronze

Ordering No.	Gauges B&S to B&S AWG to AWG	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-557314	17, 18, 19 to 17, 18, 19	17-2	100	1/2	\$4.38
S-537273	12 to 19, 20	C	100	2 1/4	14.70
S-537272	12 to 17, 18	C	100	2 1/4	14.70
S-537274	12 to 14	C	100	2 1/4	14.70
S-537277	10 to 19, 20	D	100	3	15.89
S-537276	10 to 17, 18	D	100	3	15.89
S-537278	10 to 14	D	100	3	15.89
S-537279	10 to 12	D	100	3	15.89
S-537280	10 to 10	D	100	3	11.12

For Steel to Copper, Copper-Covered Steel and Bronze

Ordering No.	Gauges BWG to B&S	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537301	14 to 19, 20	C	100	2 1/4	\$15.29
S-537290	14 to 17, 18	C	100	2 1/4	15.29
S-537304	12 to 19, 20	D	100	3	16.55
S-537303	12 to 17, 18	D	100	3	16.72
S-537305	12 to 14	D	100	3	16.72
S-537302	12 to 10	D	100	3	11.68

**Nicopress Dead-Ends
Offset Dead-End Sleeves**



For Galvanized Wire

Ordering No.	Gauge BWG	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537070	14-BB & 85	C	100	1 1/2	\$11.59
S-537072	12-85	D	100	1 3/4	16.69
S-537073	12-135, 190 & 195	D	100	2 1/2	19.46

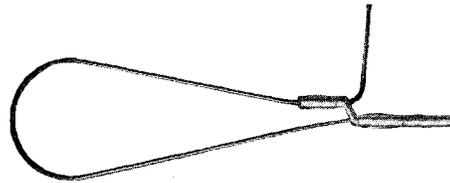
For Solid Copper Wire

Ordering No.	Gauge B&S	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537051	12	C	100	1 1/2	\$7.92
S-537052	12	D	100	1 3/4	13.87
S-537053	10	C	100	1 1/2	9.25
S-537054	10	D	100	1 3/4	13.87
S-537055	9	D	100	1 1/2	13.87
S-537058	8	J	100	5 1/2	21.06
S-537059	6	J	100	4 1/2	21.06
S-537060	6	J	50	4 1/2	47.23

For Solid Copper Covered Steel Wire

Ordering No.	Gauge AWG	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-537051	12	C	100	1 1/2	\$7.92
S-537052	12	D	100	1 3/4	13.87
S-537065	10	D	100	2 1/2	15.02
S-537058	8	J	100	5 1/2	21.06

**Nicopress Loop-Type
Made Up Dead-Ends**



Ordering No.	Wire Size and Type	For Use In Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-531307	12 AWG Copper-Covered Steel or Copper	D	25	8	\$18.53
S-531308	10 AWG Copper-Covered Steel or Copper	D	25	10	22.88
S-531309	12 BWG 85 or 135 Galvanized Steel	D	25	10	27.18

Squeeze Sleeves



For splicing barbed wire. Inner surface of sleeve is partially coated with hard, granular abrasive to assure a tightly-locked, slip-proof joint.

Ordering No.	Wire Gauge	Use Tool Groove	Std. Pkg.	Ship. Wt., Lbs. per 100	Price per 100
S-525075	12.5	J	100	4.0	\$14.76
S-525076	13.5	J	100	4.5	15.79
S-525077	14.0	J	100	4.0	17.22

Compression Sleeve



For butt splicing inside station wire and inside wiring cable conductors. Plastic insulated compression-type connector.

Ordering No.	Length Inches	Wire Awg. Range	Insulation Dia., In.	Std. Pkg.	Wt., Oz. per 1000	Price per 1000
S-557313	3/4	26 to 22	.080	1000	11	\$70.06

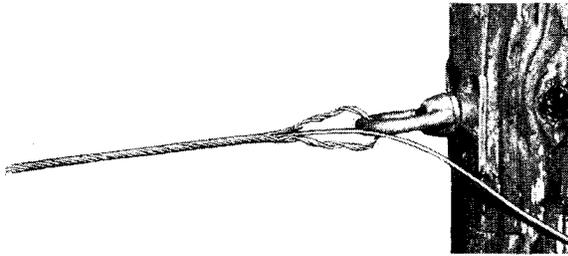
Abrasive Paper

Before making a splice or dead end be sure to clean the wire. For good conductivity it is necessary to clean new wire as well as old. Abrasive paper removes grit, dirt or corrosion.

Ordering No.	Size, In.	Pcs. per Pkg.	Wt., Lbs.	Price per 100
S-536008	1 1/2 x 4	100	1/4	\$5.64

Preformed Line Products

**Preformed Dead-Ends
Open Line Wire**



A fast, tool-free, inexpensive way to dead-end open line wire. Preformed dead-ends eliminate stress points which cause fatigue failure.

Galvanized Steel Dead-Ends

Ordering No.	Color Code	Gage	Diam. In.	Length In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-531306	Black	12BWG	.109	12	100	8	\$27.00
S-522315	Orange	10BWG	.134	14	100	15	38.00

Copper-Covered Steel Dead-Ends

S-531301	Green	12AWG	.080-.081	11	100	7	29.00
S-531302	Blue	10AWG	.102-.104	12	100	12	40.00

**Preformed Dead-End
Stainless Steel**

For Figure 8 type coaxial service wire.

Ordering No.	Cable Dia., Inches	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-551501	.083	200	2.33	\$21.00

Preformed Dead-Ends

One-Pair Aerial Distribution Wire (C-Rural)

Ordering No.	Color Code	Conductor Size	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-531291	Orange	2#14CW	500	16	\$56.00
S-531292	Yellow	{2#12CW .083 Steel}	250	23	84.00
S-531294	White	2#14CW	200	15	75.00

NOTE: Must be used with high density (linear) Polyethylene, REA Specification PE-17.

**Preformed Dead-End
Buried Distribution Wire**

A stainless steel wire assembly, factory formed, to fit one pair 19 gauge buried distribution wire. Makes installation faster and easier.

Ordering No.	Color Code	Wire Size	Length Inches	Std. Pkg.	Price per 100
513120	Black	2#19 Copper	21	100	\$91.00

Preformed is a trademark of Preformed Line Products Company

Preformed Communication Ties



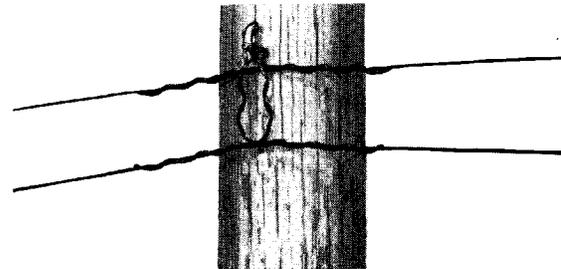
For Copper Covered Steel Wire

Ordering No.	Wire Size Inches	Insulator Type	Color Code	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-537601	.080	2 & TW	Green	500	6	\$18.40
S-537602	.080	1	Red	500	6	19.38
S-537611	.102-.104	2 & TW	Black	500	8	19.10
S-537612	.102-.104	1	Orange	500	8	21.00
S-537613	.102-.104	TS	Yellow	500	8	18.40

For Galvanized Steel Wire

S-537620	.109	2 & TW	Red	500	7	16.00
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Preformed Tangent Supports



Preformed Standard Loop, Elongated Loop or cross arm Tangent Supports offer the safest, fastest suspension method for one or more one-pair Aerial Distribution Wires (C-Rural) on a common drive hook, or under a cross arm.

Standard Loop Tangent Supports

Ordering No.	Color Code	Conductor Size	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-537383	White	2#14CW	400	6	\$33.00
S-537382	Yellow	{2#12CW or .083 Steel}	400	7	34.00

Elongated Loop Tangent Supports

S-537381	White	2#14CW	350	9	41.00
S-537380	Yellow	{2#12CW or .083 Steel}	350	9	46.00

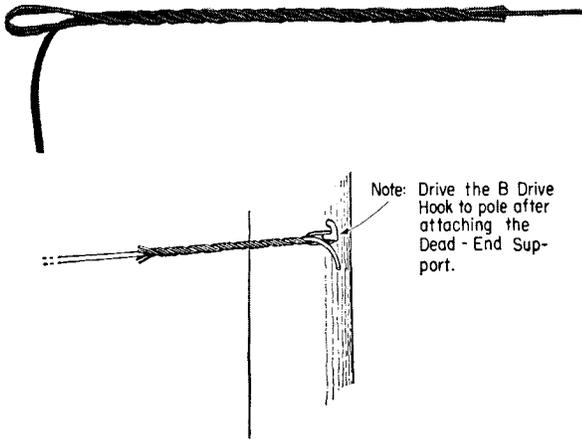
Cross Arm Tangent Supports

S-537385	White	2#14CW	250	10	51.00
S-537386	Yellow	{2#12CW or .083 Steel}	200	11	58.00

NOTE: Must be used with high density (linear) Polyethylene, REA Specification PE-17.

Prices are subject to change without notice.

Crapo Dead-Ends

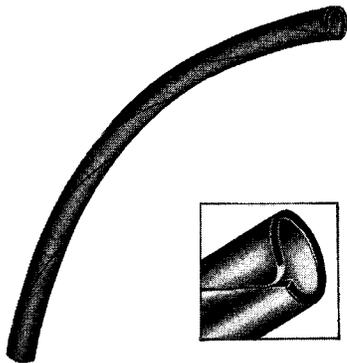


Made specifically to hold rated at breaking strength of one-pair parallel rural telephone distribution wire. Consists of two pieces of tough, springy corrosion-resistant stainless steel wire (.109-inch diameter), formed into hair-pin shaped sections. Each of four spiraled legs is coated with neoprene to increase friction and reduce possibility of slippage. No abrasives are required to provide ample holding power.

Preformed spirals are oval-shaped to conform to oval shape of conductor. Extra length of Crapo Dead-End tends to distribute load over a greater area and reduces stress concentration.

Ordering No.	Copper/Steel Conductor Size	Length In.	Std. Pkg.	Wt., Lbs. per 100	Price per 100
S-531293	2#12AWG (.080)	31	50	40	\$110.09
S-531295	2#14AWG (.064)	18	50	24	94.94

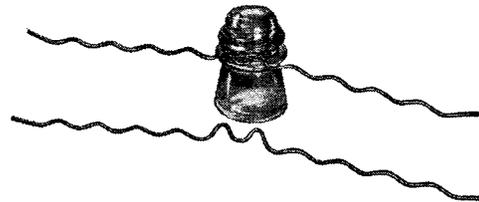
Vibration Dampers



Prevents possible line wire fracture from wind vibrations. A short length of this damper around line wire at each span, absorbs all wind vibrations, thus damping out high-frequency, low-amplitude vibrations which might bend and injure the wire at the point of support. The damper is effective at any position on the span of wire. It is made of weather-resistant flexible Polyethylene, slit helically for easier installation on the wire.

Ordering No.	I.D. Inches	Wall Thickness Inches	Length Inches	Std. Pkg.	Wt., Lbs. per 1000	Price per 100
S-531240	1/4	.062	18	1000	33.5	\$4.75

**Crapo Pre-Tied Splints
For Telephone Wire**



The Crapo Pre-Tied Splint, tie wire and insulator can be pre-assembled in shop or warehouse on a production line basis, or on the ground at project site. Insulators with splints attached are then installed on the cross arms or brackets. After line wire has been properly sagged, splints can be readily aligned with and wrapped around line wire on each side of insulator. Painted end of splint is made with a left-hand spiral and opposite end with a right-hand spiral for ease of application. Applied splint grips line wire securely and prevents slippage. Crapo Pre-Tied Splints protect line wire against wear and abrasion because there is no contact between line wire and insulator and line wire and tie wire. Tie wires are not included; must be ordered separately.

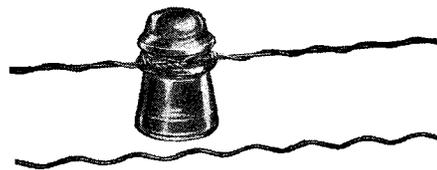
For Galvanized Line Wire

Ordering No.	Line Wire Diam. In.	Diam. In.	Lgth. In.	Pieces per Std. Bundle	Wt. Lbs. per 100	Price per 100
537370	.109	.134	17 1/2	100	8	\$8.63

For Copper-Steel Line Wire

S-537367	.080	.114	16 1/2	100	6	\$8.09
537368	.102, .104	.128	17 1/2	100	8	9.40

**Crapo Spiral Tie Splints
For Galvanized Telephone Line Wire**



Easily and quickly applied by hand. No tools are required. The splints are preformed from galvanized spring steel wire. The inside diameter of the helix, or spiral, being slightly smaller than the diameter of the line wire, fits tightly around the latter at the point of, and extending both ways from, the support. Tie wires are not included; must be ordered separately.

Ordering No.	Line Wire Size	Diam. In.	Lgth. In.	Pieces per Std. Bundle	Wt. Lbs. per 100	Price per 100
537369	12 BWG .109"	.109	17	400	4.9	\$5.14