Connectors
Catalog Data
CA325007EN

Effective July 2016
Supersedes March 2016

COOPER POWER SERIES

Splices

Contents

Powering Business Worldwide

Single-tension sleeves

ACSR and aluminum alloy conductors

Conductivity of all sleeves will exceed the full load rating of the conductors for which they are designed. Eaton's Cooper Power™ series full tension sleeves will hold 95% to 100% of the manufacturer's rated ultimate strength of the wire.

Catalog numbers for tension and jumper sleeves over the next two pages.

- First letter or letters indicate tools for installing sleeves: (OH or H)
- First group of numbers indicate conductor size: (#4, 2/0, etc.)
- Last group of numbers indicate conductor stranding: (6/1, 18/1, etc.)
- Final letters indicate type of sleeve: "A" for dual ACSR tension; "AS" for single ACSR tension; "AL" for aluminum; "C" for copper; and "CW" for copperweld. Numbers ending in "J" designate jumper sleeves.

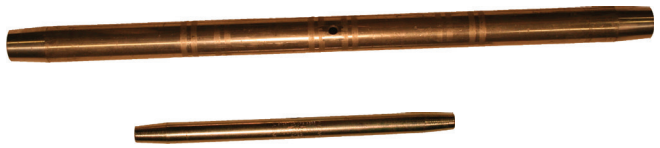
Single-Tension Sleeves ACSR & AAAC

Conductor Size	Catalog Number	Length (inches)	Tools & Dies (No. of Indents)			Burndy® Die Index
			O-Tool	WH	PH	
#4-6/1 ACSR #4-7/1 ACSR #4 AAAC or 5005	OH4-61-71AS	14	1/2 (22) 510 (16)	1/2 (16) 510 (9)	–	252
#2-6/1 ACSR #2-7/1 ACSR #2 AAAC or 5005	OH2-61-71AS	15	5/8-1 (25) 635 (15)	5/8-1 (14) 635 (10)	–	687 245
#1-6/1 #1 AAAC or 5005	OH1-61AS	14-1/2		635 (9)	–	–
1/0-6/1 ACSR 1/0 AAAC or 5005	OH1-0-61AS	16	737 (32) 747 (18)	737 (19) 747 (13)	737 (10) 747 (7)	245
2/0-6/1 ACSR 2/0 AAAC or 5005	OH2-0-61AS	14-3/4		3/4 (11)	3/4-(6)	702
3/0-6/1 ACSR 3/0 AAAC or 5005	H3-0-61AS	17		29/32 (10)	29/32 (7)	–
4/0-6/1 ACSR 4/0 AAAC or 5005	H4-0-61AS	19		1-2 (11)	1-2 (8)	654
266-18/1 ACSR	H266-181AS	20-1/8		1-1/8-2 (13)	1-1/8-2 (8)	–
336.4-18/1 ACSR	H336-181AS	19		1-1/8-2 (12)	1-1/8-2 (6)	317 or 426
397.5-18/1 ACSR	H397-181AS	21-1/2		1-1/8-2 (14)	1-1/8-2 (9)	
477-18/1 ACSR 503.5 5005	H477-181AS	23		1-5/16 (23)	1-5/16 (10)	
559.5 AAAC	101952	22			1-1/2 (9)	
652.4 AAAC	101950	20			1-1/2 (10)	

Dual-tension sleeves

ACSR conductors

Eaton's dual-tension sleeves for ACSR develop full conductivity and 95% to 100% of the rated breaking strength of the conductor. The steel sleeve for the core is heavily plated for resistance to corrosion and compatibility with aluminum. It is abrasive-lined for maximum holding strength. Sleeves for 1/0 and larger have a filler hole in the aluminum outer sleeve to permit visual centering over the steel sleeve and injection of Eaton's Cooper Power series Kearnalex™ inhibitor to completely fill the cavity. An aluminum plug is furnished to seal the filler hole.



Dual-Tension Sleeves for ACSR Conductors

			Tools & Dies (No. of Indents Per End)											
			Aluminum Sleeve						Steel Sleeve					
Conductor Size		Catalog Number	Length (inches)	Die	O	WH	PH-25	Burndy® Die Index	Length (inches)	Die	O	WH	PH-25	Burndy® Die Index
266.8	26/7	HR266-267A	25-1/2	1-1/8-2	–	(14)	(7)	317	7	5/8-1	–	(10)	(6)	253
336.4	26/7	HR336-267A	29-3/4	1-1/8-2	–	(16)	(8)	317	9	5/8-1	–	(13)	(8)	253
397.5	26/7	HR397-267A	29-3/4	1-1/8-2	–	(18)	(9)	–	10	5/8-1	–	(14)	(9)	–
477	26/7	HR477-267A	24	1-5/16	–	(12)	(5)	–	9	5/8-1	–	(12)	(8)	–
556.5	26/7	HR556-267A	35-3/4	1-1/2	–	–	(12)	–	20	5/8-1	–	–	(9)	–
636	26/7	HR636-267A	35-3/4	1-1/2	–	–	(10)	–	14	5/8-1	–	–	(14)	–
795	26/7	H795-267A	35-3/4	1-5/8	–	–	(12)	–	12	727	–	–	(12)	–

Tension Sleeves

All aluminum conductors (AAC)

These tension sleeves develop full conductivity and 95% to 100% of the rated breaking strength of the conductor. All sleeves have Kearnalex inhibitor factory installed. Sleeves 4/0 and smaller have a center stop: larger sizes have a solid, midpoint barrier.

Tension Sleeves AAC

			Tools & Dies (No. of Indents Per End)					
Conductor Size		Catalog Number	Length (inches)	Dies	O-Tool	WH	PH-25	Burndy® Die Index+
#2	7 Str.	OH2-7AL	4-1/4	1/2 510	(7) –	(4) (3)	– –	163
1/0	7-19 Str.	OH1-0-7AL	6	5/8-1 635	(10) –	(7) (3)	(3) –	245
2/0	7-19 Str.	OHR2-0-7AL	8	737 747	(12) –	(7) (5)	– –	247
3/0	7-19 Str.	OHR3-0-7AL	8-1/2	781	(13)	(7)	–	247
4/0	7-19 Str.	OHR4-0-7AL	9-1/2	840	(15)	(8)	–	249
266	7-19 Str.	HR266-7AL	8	1-2	–	(5)	(3)	654
336-350	19 Str.	HR336-19AL	10	1-1/8-2	–	(6)	(3)	655
397	19 Str.	HR397-19AL	12	1-1/8-2	–	(7)	(4)	–
477	19-37 Str.	HR477-19AL	13	1-1/8-2	–	(9)	(5)	317 or 426
556	19-37 Str.	HR556-19AL	13	1-5/16	–	–	(5)	–
600-636	37-61 Str.	HR600-636AL	15	1-1/2	–	–	(6)	–
750	37 Str.	H750-37AL	15	1-1/2	–	–		
795	37-61 Str.	HR795-37AL	15	1-1/2	–	–	(6)	–

+ Sleeve has not been tested with a Burndy® die.

Jumper sleeves

ACSR and all aluminum conductors (AAC)

For 4/0 and smaller sizes, use an Eaton tension sleeve or Eaton's Cooper Power series SERV-ENS™ sleeves.

Jumper Sleeves for ACSR & AAC

Conductor Size		Catalog Number	Length (inches)	Tools & Dies (No. of Indents)			Burndy® Die Index+
				Dies	WH	PH-25	
336.4-350	19 Str.	HR336-19ALJ	6-3/8	1-1/8-2	(5)	(2)	655
397.5	19 Str.	HR397-19ALJ	7	1-1/8-2	(6)	(3)	–
477	19-37 Str.	HR477-19ALJ	7	1-1/8-2	(6)	(3)	317 or 426
556.5	19-37 Str.	HR556-19ALJ	7-1/2	1-5/16	–	(3)	–
600-636	37-61 Str.	HR600-636ALJ	8	1-5/16	–	(4)	–
750	37 Str.	H750-37ALJ	8	1-1/2	–	(4)	–
795	37-61 Str.	HR795-37ALJ	9	1-1/2	–	(5)	–

+ Sleeve has not been tested with a Burndy® die.

Jumper sleeves For ACSR conductors

Eaton's jumper sleeves are designed for non-tension splicing of ACSR conductors. Jumper sleeves are rated for 40% of the breaking strength of the conductor, and will carry full current capacity of the wire. Eaton installs Kearnalex inhibitor in all sleeves at the factory.

Jumper Sleeves for ACSR

Conductor Size		Catalog Number	Length (inches)	Tools & Dies (No. of Indents Per End)				Burndy® Die Index+
				Dies	O-Tool	WH	PH-25	
1/0	6/1	OHR1-0-61AJ	7-1/2	737	(12)	(8)	(5)	247
2/0	6/1	OHR2-0-61AJ	7-1/2	840	(12)	(8)	(5)	658
3/0	6/1	OHR3-0-61AJ	8-1/2	840	(14)	(9)	(6)	658
4/0	6/1	HR4-0-61AJ	9-1/2	1-2	–	(6)	(4)	–
266.8	18/1	HR266-181AJ	7	1-2	–	(4)	(2)	654
266.8	26/7	HR266-267AJ	7	1-1/8-2	–	(4)	(2)	655
336.4	18/1	HR336-181AJ	7-1/2	1-1/8-2	–	(4)	(2)	–
336.4	26/7	HR336-267AJ	7-1/2	1-1/8-2	–	(4)	(2)	655
397.5	18/1	HR397-181AJ	8	1-1/8-2	–	(5)	(3)	655
397.5	26/7	HR397-267AJ	8-1/2	1-1/8-2	–	(5)	(3)	655
477	26/7	HR477-267AJ	8-7/8	1-5/16	–	(8)	(4)	–
556.5	26/7	HR556-267AJ	10	1-1/2	–	–	(5)	–
636	18/1	HR636-181AJ	10	1-1/2	–	–	(5)	–
636	26/7	HR636-267AJ	10	1-1/2	–	–	(5)	–
795	26/7	HR795-267AJ	12	1-5/8	–	–	(7)	–
795	36/1	HR795-361AJ	11	1-1/2	–	–	(6)	–

+ Sleeve has not been tested with a Burndy® die.

BARE SERV-ENS sleeves

Service entrance sleeves

SERV-ENS sleeves make dependable, low cost service entrance connections with any combination of aluminum, ACSR or copper. They have an integral solid metal barrier between the ends which prevents internal galvanic corrosion and causes the inhibitor to be forced around and between conductor strands. Each end is factory filled with Kearnalex inhibitor and closed with a color coded cap.

Bare Service Entrance Sleeves

Catalog Number	End A Aluminum or Copper				End B Aluminum or Copper				Installation Tools and Dies
	Color	Solid	Strand	ACSR	Color	Solid	Strand	ACSR	
26394CPS	Green	#6	#8	–	Brown	#8	–	–	
26427CPS	Green	#6	#8	–	Green	#6	#8	–	
26527CPS	Blue	#4	#6	#6	Brown	#8	–	–	
26393	Blue	#4	#6	#6	Green	#6	#8	–	
20693	Blue	#4	#6	#6	Blue	#4	#6	#6	
26412	Orange	#2	#4, 3	#4	Brown	#8	–	–	O-Tool 5/8 Nose, 620 or 9/16 die. (3) indents per end except #30144 (5) indents per end.
26467	Orange	#2	#4, 3	#4	Green	#6	#8	–	
20692CPS	Orange	#2	#4, 3	#4	Blue	#4	#6	#6	
20691	Orange	#2	#4, 3	#4	Orange	#2	#4, 3	#4	
26526CPS	Red	–	#2, 1	#2	Brown	#8	–	–	
26525CPS	Red	–	#2, 1	#2	Green	#6	#8	–	
20690	Red	–	#2, 1	#2	Blue	#4	#6	#6	Burndy® dies: BG W166 243
20689	Red	–	#2, 1	#2	Orange	#2	#4, 3	#4	
20688	Red	–	#2, 1	#2	Red	–	#2, 1	#2	
30933	Yellow	–	1/0	1/0	Green	#6	#8	–	
30163	Yellow	–	1/0	1/0	Blue	#4	#6	#6	
26485CPS	Yellow	–	1/0	1/0	Orange	#2	#4, 3	#4	
26484CPS	Yellow	–	1/0	1/0	Red	–	#2, 1	#2	
30198CPS	Yellow	–	1/0	1/0	Yellow	–	1/0	1/0	
30144CPS	Yellow	–	1/0	1/0	Yellow	–	1/0	1/0	

Insulated SERV-ENS sleeves

Insulated SERV-ENS sleeves provide a simple, economical method of maintaining the permanency of service connections without the additional step of installing a separate insulating cover. A solid center barrier makes wire positioning rapid and easy. Insulated SERV-ENS sleeves have an extruded nylon cover with a dielectric strength exceeding service drop cable insulation. The aluminum body is factory filled with Kearnalex inhibitor and closed with color coded caps.

Insulated Service Entrance Sleeves

Catalog Number	End A Aluminum or Copper				End B Aluminum or Copper				Installation Tools and Dies
	Color	Solid	Strand	ACSR	Color	Solid	Strand	ACSR	
58-GG	Green	#6	#8	–	Green	#6	#8	–	
58-BLBR	Blue	#4	#5 & 6	#6-6/1	Brown	#8	#10	–	
58-BLG	Blue	#4	#5 & 6	#6-6/1	Green	#6	#8	–	
58-BLBL	Blue	#4	#5 & 6	#6-6/1	Blue	#4	#5 & 6	#6-6/1	
58-OG	Orange	#2	#3 & 4	#4-6/1-7/1	Green	#6	#8	–	O-Tool 5/8 Nose, 620 or 9/16 die. (3) indents per end.
58-OBL	Orange	#2	#3 & 4	#4-6/1-7/1	Blue	#4	#5 & 6	#6-6/1	
58-OO	Orange	#2	#3 & 4	#4-6/1-7/1	Orange	#2	#3 & 4	#4-6/1-7/1	
58-RG	Red	–	#1 & 2	#2-6/1-7/1	Green	#6	#8	–	
58-RBL	Red	–	#1 & 2	#2-6/1-7/1	Blue	#4	#5 & 6	#6-6/1	Burndy® dies: BG W166 243
58-RO	Red	–	#1 & 2	#2-6/1-7/1	Orange	#2	#3 & 4	#4-6/1-7/1	
58-RR	Red	–	#1 & 2	#2-6/1-7/1	Red	–	#1 & 2	#2-6/1-7/1	
58-YBL	Yellow	–	1/0	1/0-6/1	Blue	#4	#5 & 6	#6-6/1	
58-YO	Yellow	–	1/0	1/0-6/1	Orange	#2	#3 & 4	#4-6/1-7/1	
58-YR	Yellow	–	1/0	1/0-6/1	Red	–	#1 & 2	#2-6/1-7/1	
58-YY	Yellow	–	1/0	1/0-6/1	Yellow	–	1/0	1/0-6/1	

Large SERV-ENS sleeves

Eaton's large SERV-ENS sleeves are used for splicing the large conductors required for commercial services or as a low cost reducing sleeve. All sizes may be installed with type "O" mechanical tools. A solid metal barrier in the center permits connecting any combination of aluminum, ACSR, or copper without danger of internal galvanic corrosion. The ends are factory filled with Kearnalex inhibitor. The sizes are quickly identified by color coded plastic end caps. All sizes are 4" long.

Large Service Entrance Sleeves

	End A			End B			Tools & Dies (Indents Per End)
	Aluminum or Copper			Aluminum or Copper			
Catalog Number	Color	Conductor	ACSR	Color	Conductor	ACSR	Die
36719CPS	Red	#1 & 2 Str.	#2	Orange	#3 & 4 Str.	#4	
36718CPS	Red			Red	#1 & 2 Str.	#2	
36717CPS	Yellow	1/0 Str.	1/0	Orange	#3 & 4 Str.	#4	
36716	Yellow			Red	#1 & 2 Str.	#2	
36715CPS	Yellow			Yellow	1/0 Str.	1/0	
36714CPS	Gray	2/0 Str.	2/0	Orange	#3 & 4 Str.	#4	O-Tool 840 (7) WH 840 (4)
36713CPS	Gray			Red	#1 & 2 Str.	#2	
36712	Gray			Yellow	1/0 Str.	#1, 1/0	
36711	Gray			Gray	2/0 Str.	2/0	
36710	Black	3/0 Str.	3/0	Orange	3 & 4 Str.	#4	Burndy® 840, 249
36709CPS	Black			Red	#1 & 2 Str.	#2	
36708CPS	Black			Yellow	1/0 Str.	1/0	
36707CPS	Black			Gray	2/0 Str.	2/0	EEI 11A
36706	Black			Black	3/0 Str.	3/0	
36705CPS	Pink	4/0 Str.	4/0	Orange	#3 & 4 Str.	#4	
36704	Pink			Red	#1 & 2 Str.	#2	
36703CPS	Pink			Yellow	1/0 Str.	1/0	
36702CPS	Pink			Gray	2/0 Str.	2/0	
36701CPS	Pink			Black	3/0 Str.	3/0	
36700	Pink			Pink	4/0 Str.	4/0	

Aluminum reducing sleeves

Eaton's aluminum reducing sleeves are used for non-tension splicing of two different sizes of conductors in any combination of ACSR, aluminum, or copper. An integral metal barrier eliminates galvanic corrosion between unlike conductors, and aids in forcing the inhibitor around and between the strands. The ends are factory filled with Kearnalex inhibitor and closed with plastic caps.

Aluminum Reducing Sleeves

Catalog Number	End A Aluminum or Copper			End B Aluminum or Copper			Length (inches)	Tools & Dies (No. of Indents) WH	Burndy® Die Index
	Conductor	ACSR		Conductor	ACSR				
36778CPS	4/0 Str.	4/0		1/0 Str	1/0		6	1-2 (4)	654
36777				2/0 Str.	2/0		6		
36775CPS				4/0 Str.	4/0		6		
36764	336 kcmil	266.8	18/1-26/7	4/0 Str.	4/0		6	1-1/8-2 (4)	655
36762				336 kcmil	266.8	18/1-26/7	8	1-1/8-2 (5)	
36760CPS	350-397 kcmil	336.4	18/1-26/7	1/0 Str.	1/0		6	1-1/8-2 (4)	
36757CPS				4/0 Str.	4/0		6	1-1/8-2 (4)	
36754				350-397 kcmil	336.4	18/1-26/7	8	1-1/8-2 (5)	
36740CPS	477-500 kcmil	397.5 477	26/7-30/7 18/1	4/0 Str 250 kcmil	4/0		6	1-1/8-2 (4)	
36737				336 kcmil 350-397 kcmil	336.4 397.5	18/1-26/7 18/1	8	1-1/8-2 (5)	
36735CPS				477-500 kcmil	397.5 477	26/7-30/7 18/1	8	1-1/8-2 (5)	
48381	500-600 kcmil	477	26/7-30/7	336-397 kcmil	336.4	18/1-26/7	9	1-5/16 (6)	UK1516T
40630	750 kcmil	636	26/7	447-500 kcmil	397.5	30/7	10	1-1/2 (7)	608 724

Small aluminum sleeves

Aluminum sleeves are especially designed for making connections on solid, stranded or compact aluminum cables and are marked for easy identification in the field. They can be installed with a type "O" mechanical tool, or hydraulic tool, and are sealed with Eaton's Cooper Power series Aqua Seal™ material.

Small Aluminum Sleeves

Catalog Number	End A Conductor	End B AWG Compact	Tools & Dies (No. of Indents per End)	Burndy® Y35
101965	#2 Str/Comp/Sol	#2 Str./Comp/Sol	O-Tool 845 (4) or 840 (6)	658 (2)
101970	2/0 Str/Comp; 3/0 Sol	#2 Str./Comp/Sol		
101972	2/0 Str/Comp; 3/0 Sol	2/0 Str/Comp; 3/0 Sol		
101983	4/0 Str/Comp	4/0 Str/Comp		
101955	350 Str.	350 Str.	O-Tool 980 (5) WH 1-2 (2)	654 (2)

Underground repair sleeves

- Single sleeve for damaged cable.
- Solid aluminum design is moisture resistant.
- Conveniently crimped with compression tool.

The overall sleeve length for Eaton's underground repair sleeves is 8-1/2". Buried power cable can be quickly and easily repaired with a single underground sleeve. The repair sleeve eliminates the time consuming, labor intensive task of splicing in a short length of cable using two separate connectors. It is used to replace damaged or faulty cable sections up to 5-1/2" in length, in five different sizes.

Sleeves are conveniently crimped into place using an Eaton's Cooper Power series Kearney™ type "O", "WH", or "PH" compression tool and appropriate dies.

Made of solid aluminum, not tubing, the sleeve provides an effective moisture barrier between the ends of the cable. Both ends are factory filled with Kearnalex inhibitor and capped. Conductivity of all sleeves exceeds the full load rating of the conductors for which they are designed.

Underground Repair Sleeve

Catalog Number	For Wire Conductor	Sleeve OD (inches)	Tools & Dies (No. Indents Per End)		Burndy® Y35 Tool
			O-Tool	WH Tool	
101995-2 101991 101992 101993 101994	#2 1/0 2/0 3/0 4/0	0.906	840 (6) 845 (4)	840 (4) 29/32 (2)	U658 (2) U249 (2)
101995-350	350 kcmil	1.156	–	1-1/8-2 (2)	U317 (2)

Aluminum repair sleeves

One-piece

Eaton's aluminum repair sleeves completely enclose all strands, and restores full thermal load rating to aluminum or ACSR conductors with burned or mechanically damaged strands, provided no more than 15% of the strands are damaged.

One-Piece Aluminum Overhead Repair Sleeve

Catalog Number	Conductor Size		Length	Tools & Dies (No. of Indents Per End)		Burndy® Die Index
	Aluminum	ACSR	(inches)	O-Tool	WH Tool	
30811CPS 30811-12	#4 Str.	#4	7 12	1/2 (28) 1/2 (48)	1/2 (19) 510(11) 1/2 (32) 510(18)	163 or 239
30812 30812-12	#2 Str.	#2	8 12	9/16 (32) 9/16 (48)	9/16 (21) 572(21) 9/16 (32) 572(18)	241
30813 30813-12	1/0 Str.	1/0	8 12	5/8-1 (32) 5/8-1 (48)	5/8-1 (26) 635(12) 5/8-1 (39) 635(17)	165 or 243 or 287
30814 30814-12	2/0 Str.	2/0	8 1/2 12	737 (34) 737 (48)	737 (20) 747(13) 737 (28) 747(16)	247 or 660
30815 30815-12	3/0 Str.	3/0	9 12	737 (36) –	737 (21) 747 (16)	255
30770 30770-12	4/0 Str.	4/0	9 12	840 (36) 840 (48)	840 (24) 840 (32)	168
36062	336 Str.	336.4 18/1	12	–	1-1/8-2 (16)	655

Two-piece

Two-piece aluminum overhead repair sleeve is used for repairing and restoring full thermal load rating to damaged portions of the larger ACSR and aluminum conductors, provided no more than 15% of the strands are damaged. Interlocking, two-piece sleeve develops full circumference contact with the conductor.

Two-Piece Aluminum Overhead Repair Sleeve

Catalog Number	Conductor Size Aluminum	ACSR Number	Length (inches)	Tools & Dies (No. of Indents)	Burndy® Die Index
40781CPS	250-397 kcmil	266.8 18/1-336.4 26/7	10	WH 1-1/8-2 (10)	655
40782CPS	400-556 kcmil	336.4 30/7-477 30/7	11	WH "U" (8)	–
40783	556-715 kcmil	477 26/7-636 26/7	11	WH "U" (8)	
118124	800-954 kcmil	666 24/7-954 36/1	14	PH-25 2-1/8 (10)	
101818	750-795 kcmil	–	11	WH "U" (8)	

Splicing sleeves for triplex neutral

Eaton's splicing sleeves for triplex neutral are aluminum sleeves for splicing the ACSR, AAAC, or aluminum messenger neutrals of triplex service drop cables. The ends are filled with Kearnalex inhibitor and closed with color-coded plastic caps. When used on ACSR or AAAC these sleeves will hold 40% of the rated breaking strength.

Triplex Neutral Sleeves

Catalog Number	Conductor Size: All Aluminum or Aluminum Alloy	Conductor Size: ACSR AAAC	Length (inches)	Cap Color	Tools & Dies (No. of Indents)	Burndy® Die Index
30007-K	#4 Str. #2 Str.	#4 #2	3-1/4	Orange to Red	OS50 (6) OS620 (6) 620-Nose (6) or 5/8 Nose (6)	BG
30008CPS 30011CPS 30009CPS 30010CPS	#6 Str. #4 Sol. #4 Str. #4 Str. #2 Sol. #2 Str.	– – #4 #2	3-1/4 2-3/4 3-1/4 3-1/4	Blue Clear Orange Red		
30013CPS	1/0 Str.	#1	6	Red	OS50 (12) OS620 (12) 620-Nose (12) 5/8 Nose (12)	247
30715 36060	– –	1/0 2/0	8 8	Yellow Grey	O-Tool 737 (14) WH 737 (9) O-Tool 840 (14) WH 840 (9)	249
49528CPS	–	4/0	8	Pink	WH 1-2 (5)	654

Tension sleeves for copper conductors

Made of dead soft, pure copper seamless tubing with the ends tapered inside, Eaton's tension sleeves for copper conductors are easily inserted, especially when making hot line splices. Full length metalizing of bore develops 95% of the rated breaking strength of the conductor.

Tension Sleeves for Copper

Catalog Number	Conductor Size: Stranded		Conductor Size: Solid	Length (inches)	Tools & Dies (No. of Indents Per End): Dies	O-Tool	WH	Burndy® Die Index
OH8C	–		#8	2-1/2	5/16	(6)	(2)	161
OH6C	–		#6	2-1/2	5/16	(6)	(2)	161
OH4C	–		#4	2-3/4	3/8	(6)	(3)	162
OH4CP	–		#4	2-3/4	P	(5)	(3)	N/A
OH3C	–		#3	3-1/4	P	(6)	(4)	N/A
OH4-7C	#4	7 Str.	–	3-1/4	3/8	(8)	(4)	162
OH2C	#4-3	7 Str.	#2	3-1/4	1/2	(8)	(4)	163
OH2-3CX	#2-3	7 Str.	–	3-1/4	1/2	(8)	(4)	164
OH2-7C	#2	7 Str.	#1	4	1/2	(8)	(4)	164
OH1-7C	#1	7-19 Str.	–	4	9/16	(9)	(5)	N/A
OH1-OC	–		1/0	7-1/4	9/16	(16)	(9)	N/A
OH1-0-7C	1/0	7-19 Str.	–	7-1/4	5/8-1	(15)	(10)	165
OH2-0-7C	2/0	7-19 Str.	–	7-1/4	11/16	(15)	(8)	166
H3-0-7C	3/0	7-19 Str.	–	7-1/4	781	–	(8)	167
H4-0-7C	4/0	7-19 Str.	–	7-1/4	840	–	(8)	168

Jumper sleeves for copper conductors

Eaton's jumper sleeves for copper conductors are made of the same material as the tension sleeve, but are shorter in length. The sleeve ends are tapered on the outside, chamfered on the inside.

Jumper Sleeves for Copper

Catalog Number	Conductor Size	Length (inches)	Tools & Dies (No. of Indents Per End)			Burndy® Die Index
			Dies	O-Tool	WH	
OHR1-0-7CJ	1/0 7-19 Str.	4	5/8-1	(6)	(5)	165
OHR2-0-7CJ	2/0 7-19 Str.	4	11/16	(6)	(4)	166
HR3-0-7CJ	3/0 7/19 Str.	4	781	–	(4)	167
HR4-0-7CJ	4/0 7/19 Str.	66	840	–	(6)	168

Tension sleeves for copperweld conductors

Eaton's tension sleeves for copperweld conductors use sleeve length and squeeze-down coordination to develop the full strength of the conductor. Made of pure copper seamless tubing, they are dead soft for easy compression. The sleeve ends are tapered outside and chamfered on the inside. Tension sleeves will hold 95% of the rated breaking strength of the wire.

Tension Sleeves for Copper Weld

Catalog Number	Conductor Size	Length (inches)	Tools & Dies (No. of Indents Per End)			Burndy® Die Index
			Dies	O-Tool	WH	
OHR8ACW	#8A	4-1/2	3/8	(10)	(4)	N/A
OHR6ACW	#6A	5-1/2	3/8	(12)	(5)	162
OHR4ACW	#4A	6-3/4	1/2	(12)	(7)	163

Thinwall copper sleeves

For making end-to-end connections of copper cables, use Eaton's thinwall copper sleeves. A center stop assures correct insertion depth of both cable ends. The ends are chamfered. The sleeves are of seamless copper tubing, annealed and tin-plated.

Thinwall Copper Sleeves

Catalog Number	Conductor Size	Length (inches)	Tools & Dies (No. of Indents Per End)			Burndy® Die Index
			Dies	O-Tool	WH	
136700-004	#4 Str.	2-3/8	5/16	(5)	(2)	161
136700-002	#2 Str.	2-5/8	3/8	(5)	(2)	162
136700-001	#1 Str.	2-7/8	3/8	(5)	(2)	162
136700-010	1/0 Str.	2-7/8	1/2	(5)	(2)	163
136700-020	2/0 Str.	3-1/8	9/16	(5)	(3)	164
136700-030	3/0 Str.	3-1/8	9/16	(5)	(3)	164
136700-040	4/0 Str.	3-3/8	5/8-1	(5)	(3)	165
136700-350	350 Str.	4-1/4	840	(5)	(3)	249
136700-500	500 Str.	4-5/8	1-2	–	(3)	654
136700-750	750 Str.	5-7/8	1-5/16	–	(4)	318

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Eaton's Power Systems Division
2300 Badger Drive
Waukesha, WI 53188
United States
Eaton.com/cooperpowerseries

Powering Business Worldwide

For Eaton's Cooper Power series product information call 1-877-277-4636 or visit: www.eaton.com/cooperpowerseries.