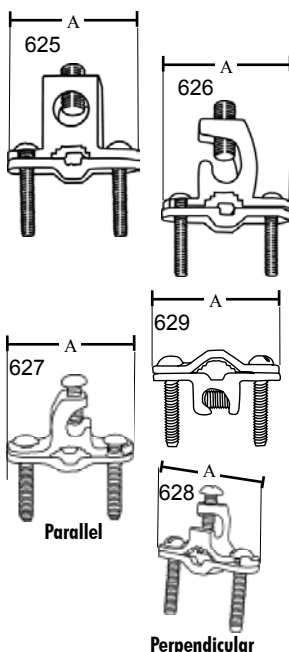
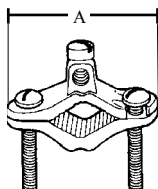


| CAT#  | A    |
|-------|------|
| 630B  | 2.30 |
| 630   | 3.60 |
| 630DB | 2.30 |



| CAT# | A    |
|------|------|
| 625  | 2.36 |
| 626  | 2.52 |
| 627  | 2.28 |
| 628  | 2.28 |
| 629  | 2.28 |



| CAT#  | A    |
|-------|------|
| 620Z  | 2.22 |
| 620BP | 2.22 |
| 626A  | 2.43 |
| 626BS | 2.43 |
| 626B  | 3.60 |
| 626C  | 6.35 |
| 626D  | 8.50 |
| 620DB | 2.28 |

## GROUND CLAMPS

• FITS 8, 6, OR 4 BARE ARMORED GROUND WIRE COPPER

**BRASS**

| TOPAZ CAT # | UPC#  | SIZE         | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|--------------|----------|-----------|----------|
| 630B        | 16240 | 1/2" TO 1"   | 10       | 100       | 20       |
| 630         | 16250 | 1 1/4" TO 2" | 5        | 50        | 30       |

**FOR DIRECT BURIAL**

**BRONZE**

|       |       |            |    |     |    |
|-------|-------|------------|----|-----|----|
| 630DB | 16260 | 1/2" TO 1" | 10 | 100 | 20 |
|-------|-------|------------|----|-----|----|

## GROUND CLAMPS

**FOR DIRECT BURIAL  
STAINLESS STEEL SCREWS**

• FITS 8 STR TO 4/0 STR AWG COPPER

**BRONZE**

| TOPAZ CAT # | UPC#  | SIZE       | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|------------|----------|-----------|----------|
| 625         | 81968 | 1/2" TO 1" | 10       | 100       | 30       |
| 626         | 81969 | 1/2" TO 1" | 10       | 100       | 30       |
| 629         | 85209 | 1/2" TO 1" | 10       | 100       | 21       |

3/8 To 1" Rebar 1/2" To 1" Water Pipe, Copperwater Pipe and Ground Rod

**FOR DIRECT BURIAL  
BRASS SCREWS**

• FITS 10 SOL TO 2 STR AWG COPPER

**BRASS**

|     |       |            |    |     |    |
|-----|-------|------------|----|-----|----|
| 627 | 83694 | 1/2" TO 1" | 10 | 100 | 23 |
| 628 | 85208 | 1/2" TO 1" | 10 | 100 | 23 |

3/8 To 1" Rebar 1/2" To 1" Water Pipe, Copperwater Pipe and Ground Rod

## GROUND CLAMPS

• FITS NO. 10, 8, 6, 4, & 2 AWG COPPER

**ZINC DIE CAST**

| TOPAZ CAT # | UPC#  | SIZE       | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|------------|----------|-----------|----------|
| 620Z*       | 16100 | 1/2" TO 1" | 25       | 250       | 43       |
| 620BP**     | 16110 | 1/2" TO 1" | 25       | 250       | 43       |

**BRASS PLATED**

\*For Copper and Aluminum Wire

\*\*Non UL

|       |       |            |    |     |    |
|-------|-------|------------|----|-----|----|
| 626A  | 16050 | 1/2" TO 1" | 10 | 100 | 19 |
| 626BS | 16060 | 1/2" TO 1" | 10 | 100 | 20 |

**W/BRASS SCREWS**

|      |       |              |   |    |    |
|------|-------|--------------|---|----|----|
| 626B | 16070 | 1 1/4" TO 2" | 5 | 50 | 19 |
| 626C | 16080 | 2 1/2" TO 4" | — | 10 | 10 |
| 626D | 16082 | 5" TO 6"     | — | 10 | 15 |

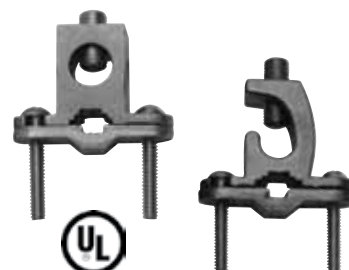
**FOR DIRECT BURIAL**

**BRONZE**

|       |       |            |    |     |    |
|-------|-------|------------|----|-----|----|
| 620DB | 16090 | 1/2" TO 1" | 10 | 100 | 20 |
|-------|-------|------------|----|-----|----|



E148716



E195122



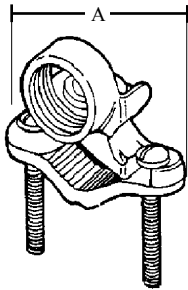
E195122



E14871  
(620Z)



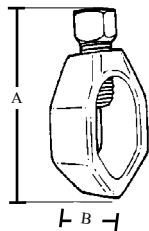
E195122



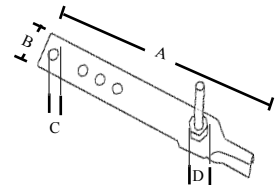
| CAT# | A     |
|------|-------|
| 621  | 2.250 |
| 622  | 3.600 |
| 623  | 6.340 |
| 624  | 8.500 |

|      |       |
|------|-------|
| 621A | 2.250 |
| 622A | 3.600 |
| 623A | 6.340 |
| 624A | 8.500 |

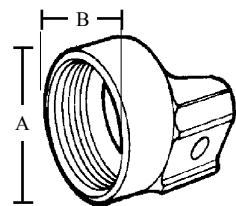
|      |       |
|------|-------|
| 621B | 2.250 |
| 622B | 3.600 |
| 623B | 6.340 |
| 624B | 8.500 |



| CAT# | A    | B    | WIRE SIZE<br>MIN MAX |
|------|------|------|----------------------|
| 411  | 1.22 | .75  | 10 SOL 2STR          |
| 412  | 1.41 | .90  | 10 SOL 2STR          |
| 413  | 1.47 | 1.00 | 10 SOL 2STR          |



| CAT# | A     | B   | C   | D              |
|------|-------|-----|-----|----------------|
| GS1  | 5.810 | .75 | .25 | 1/4-20 X 1 1/4 |



| CAT# | A    | B    |
|------|------|------|
| 31   | 1.15 | 1.07 |
| 32   | 1.30 | 1.28 |
| 33   | 1.56 | 1.50 |

## GROUND CLAMPS WITH THREADED HUBS FOR CONDUIT PIPE

BRASS

| TOPAZ<br>CAT #        | UPC#  | SIZE         | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|-----------------------|-------|--------------|-------------|--------------|-------------|
| <b>WITH 1/2" HUBS</b> |       |              |             |              |             |
| 621                   | 16120 | 1/2" TO 1"   | 10          | 100          | 26          |
| 622                   | 16130 | 1 1/4" TO 2" | 5           | 50           | 35          |
| 623                   | 16140 | 2 1/2" TO 4" | —           | 10           | 15          |
| 624                   | 16150 | 5" TO 6"     | —           | 10           | 20          |

### WITH 3/4" HUBS

|      |       |              |   |    |    |
|------|-------|--------------|---|----|----|
| 621A | 16160 | 1/2" TO 1"   | 5 | 50 | 20 |
| 622A | 16170 | 1 1/4" TO 2" | 5 | 50 | 37 |
| 623A | 16180 | 2 1/2" TO 4" | — | 10 | 12 |
| 624A | 16190 | 5" TO 6"     | — | 10 | 21 |

### WITH 1" HUBS

|      |       |              |   |    |    |
|------|-------|--------------|---|----|----|
| 621B | 16200 | 1/2" TO 1"   | — | 10 | 9  |
| 622B | 16210 | 1 1/4" TO 2" | — | 10 | 10 |
| 623B | 16220 | 2 1/2" TO 4" | — | 10 | 21 |
| 624B | 16230 | 5" TO 6"     | — | 10 | 28 |

## GROUND ROD CLAMPS FOR DIRECT BURIAL BRONZE WITH STAINLESS SCREW

BRONZE

| TOPAZ<br>CAT # | UPC#  | SIZE | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|------|-------------|--------------|-------------|
| 411            | 13820 | 1/2" | —           | 100          | 9           |
| 412            | 13830 | 5/8" | —           | 100          | 18          |
| 413            | 13840 | 3/4" | —           | 50           | 12          |

## GROUND STRAP

• 16 GAUGE

SOLID COPPER

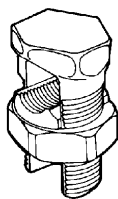
| TOPAZ<br>CAT # | UPC#  | SIZE       | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|------------|-------------|--------------|-------------|
| GS1            | 20760 | 1/2" TO 1" | —           | 100          | 5           |

## CONDUIT HUBS

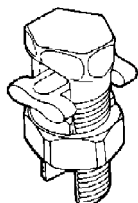
BRASS

| TOPAZ<br>CAT # | UPC#  | SIZE | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|------|-------------|--------------|-------------|
| 31             | 10050 | 1/2" | —           | 25           | 3           |
| 32             | 10060 | 3/4" | —           | 25           | 5           |
| 33             | 10070 | 1"   | —           | 25           | 6           |





| CAT# | WIRE RANGE<br>MAIN AND TAP |          |
|------|----------------------------|----------|
|      | MIN.                       | MAX.     |
| 690  | 16 STR                     | 10 STR   |
| 691  | 12 STR                     | 8 STR    |
| 692  | 10 SOL                     | 6 SOL    |
| 693  | 8 SOL                      | 4 SOL    |
| 694  | 6 SOL                      | 2 SOL    |
| 695  | 6 SOL                      | 2 STR    |
| 696  | 4 SOL                      | 1/0 STR  |
| 697  | 2 SOL                      | 2/0 STR  |
| 698  | 2 SOL                      | 3/0 STR  |
| 699  | 4/0 SOL                    | 250 MCM  |
| 700  | 4/0 STR                    | 350 MCM  |
| 701  | 250 MCM                    | 500 MCM  |
| 702  | 350 MCM                    | 750 MCM  |
| 703  | 500 MCM                    | 1000 MCM |



| CAT# | WIRE RANGE<br>MAIN AND TAP |          |
|------|----------------------------|----------|
|      | MIN.                       | MAX.     |
| 790  | 16 STR                     | 10 STR   |
| 791  | 16 STR                     | 8 STR    |
| 792  | 14 STR                     | 6 SOL    |
| 793  | 10 STR                     | 4 SOL    |
| 794  | 8 SOL                      | 3 STR    |
| 795  | 8 SOL                      | 2 STR    |
| 796  | 6 SOL                      | 1/0 STR  |
| 797  | 6 STR                      | 2/0 STR  |
| 798  | 4 STR                      | 3/0 STR  |
| 799  | 4 STR                      | 250 MCM  |
| 800  | 3/0 STR                    | 350 MCM  |
| 801  | 3/0 STR                    | 500 MCM  |
| 802  | 250 MCM                    | 750 MCM  |
| 803  | 350 MCM                    | 1000 MCM |

## SPLIT BOLT CONNECTORS

### SOLDERLESS

### COPPER ALLOY

| TOPAZ<br>CAT #                        | UPC#  | SIZE        | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|---------------------------------------|-------|-------------|-------------|--------------|-------------|
| <b>FOR COPPER AND COPPERWELD WIRE</b> |       |             |             |              |             |
| 690                                   | 17250 | 10          | —           | 100          | 2           |
| 691                                   | 17260 | 8           | —           | 100          | 3           |
| 692                                   | 17270 | 6           | —           | 100          | 5           |
| 693                                   | 17280 | 6           | —           | 100          | 6           |
| 694                                   | 17290 | 4           | —           | 50           | 8           |
| 695                                   | 17300 | 2           | —           | 50           | 11          |
| 696                                   | 17310 | 1/0         | —           | 50           | 8           |
| 697                                   | 17320 | 2/0         | —           | 25           | 7           |
| 698                                   | 17330 | 3/0         | —           | 25           | 8           |
| 699                                   | 17340 | 4/0-250 MCM | —           | 5            | 10          |
| 700                                   | 17350 | 350 MCM     | —           | 6            | 5           |
| 701                                   | 17360 | 500 MCM     | —           | 6            | 5           |
| 702                                   | 17370 | 750 MCM     | —           | 3            | 5           |
| 703                                   | 17380 | 1000 MCM    | —           | 4            | 10          |



E155861

### WITH SPACER BAR

- ELECTRO-TINNED BODY, NUT, SPACER, & PRESSURE BAR

### FOR COPPER TO COPPER (1,2)

|     |       |    |   |     |   |
|-----|-------|----|---|-----|---|
| 790 | 18020 | 10 | — | 100 | 4 |
| 791 | 18030 | 8  | — | 100 | 4 |

### FOR COPPER TO COPPER, COPPER TO ALUMINUM, ALUMINUM TO ALUMINUM (2)

|     |       |   |   |     |    |
|-----|-------|---|---|-----|----|
| 792 | 18040 | 6 | — | 100 | 7  |
| 793 | 18050 | 4 | — | 100 | 8  |
| 794 | 18060 | 3 | — | 100 | 11 |
| 795 | 18070 | 2 | — | 50  | 15 |



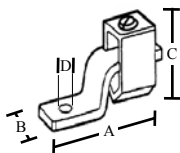
E155861

### FOR COPPER TO COPPER (1,2)

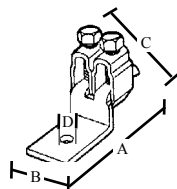
|     |       |             |   |    |    |
|-----|-------|-------------|---|----|----|
| 796 | 18080 | 1/0         | — | 50 | 10 |
| 797 | 18090 | 2/0         | — | 25 | 5  |
| 798 | 18100 | 3/0         | — | 5  | 15 |
| 799 | 18110 | 4/0-250 MCM | — | 5  | 15 |
| 800 | 18120 | 350 MCM     | — | 12 | 5  |
| 801 | 18130 | 500 MCM     | — | 6  | 7  |
| 802 | 18140 | 750 MCM     | — | 4  | 7  |
| 803 | 18150 | 1000 MCM    | — | 2  | 6  |

(1) USABLE WITH ALUMINUM CONDUCTOR, HOWEVER NOT UL LISTED FOR THAT APPLICATION.

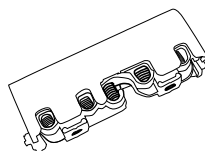
(2) WHEN MAKING CONNECTIONS WITH ALUMINUM OR ACSR (ALUMINUM CONDUCTOR STEEL REINFORCED) MAKE CERTAIN TO USE AN OXIDE INHIBITING COMPOUND.



| CAT# | A      | B     | C      | D     |
|------|--------|-------|--------|-------|
| 820  | 1.00   | .3125 | .6875  | .125  |
| 821  | 1.1875 | .375  | .75    | .1875 |
| 822  | 1.3125 | .50   | .8125  | .25   |
| 823  | 1.5313 | .50   | 1.00   | .25   |
| 824  | 1.9688 | .625  | 1.375  | .25   |
| 825  | 2.1875 | .75   | 1.5625 | .375  |
| 826  | 2.625  | 1.00  | 2.00   | .3125 |
| 827  | 3.1875 | 1.00  | 2.625  | .375  |
| 828  | 4.25   | 1.50  | 2.75   | .375  |
| 829  | 4.625  | 2.00  | 3.6875 | .50   |



| CAT# | A      | B    | C      | D    |
|------|--------|------|--------|------|
| 814  | 3.375  | 1.50 | 2.00   | .375 |
| 815  | 3.625  | 2.75 | 2.75   | .375 |
| 816  | 4.4375 | 2.00 | 2.5625 | .500 |



## SOLDERLESS LUGS

**COPPER**

| TOPAZ<br>CAT # | UPC# | AMP<br>RATING | RECOMMENDED<br>TORQUE IN LBS | WIRE RANGE<br>MIN-MAX | BOLT<br>SIZE | SHIP<br>WT/<br>CASE | WT/<br>CASE |
|----------------|------|---------------|------------------------------|-----------------------|--------------|---------------------|-------------|
|----------------|------|---------------|------------------------------|-----------------------|--------------|---------------------|-------------|

### SINGLE HOLE

#### • OFFSET TANG

|     |       |       |     |                 |      |     |    |
|-----|-------|-------|-----|-----------------|------|-----|----|
| 820 | 18270 | 25    | 20  | 14-10           | 1/8  | 250 | 3  |
| 821 | 18280 | 35-50 | 45  | 14-6            | 3/16 | 250 | 6  |
| 822 | 18290 | 70    | 50  | 14-4            | 1/4  | 200 | 6  |
| 823 | 18300 | 70-90 | 50  | 12-2            | 1/4  | 200 | 9  |
| 824 | 18310 | 125   | 50  | 8-1/0           | 1/4  | 100 | 11 |
| 825 | 18320 | 175   | 124 | 4-3/0           | 3/8  | 25  | 3  |
| 826 | 18330 | 225   | 204 | 6-4/0           | 5/16 | 25  | 6  |
| 827 | 18340 | 300   | 325 | 1/0-350 MCM     | 3/8  | 20  | 10 |
| 828 | 18350 | 400   | 375 | 4/0-500 MCM     | 3/8  | 10  | 7  |
| 829 | 18360 | 650   | 500 | 600MCM-1000 MCM | 1/2  | 4   | 7  |



### DUPLEX TERMINAL LUGS

|     |       |     |   |                 |     |    |   |
|-----|-------|-----|---|-----------------|-----|----|---|
| 814 | 18240 | 400 | — | 2#1/0-2#4/0     | 3/8 | 10 | 5 |
| 815 | 18250 | 600 | — | 2#1/0-2#350 MCM | 3/8 | 5  | 5 |
| 816 | 18260 | 800 | — | 2#4/0-2#500 MCM | 1/2 | 4  | 6 |

## GROUNDING BRIDGE

**ZINC DIE CAST**

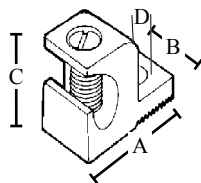
### INTERSYSTEM BONDING BRIDGE

Meets requirements of 2008 NEC Article 250.49

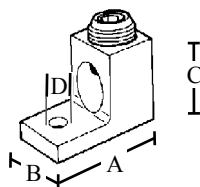
| TOPAZ<br>CAT # | UPC# | WIRE RANGE<br>MIN-MAX | UNIT<br>CTN | SHIP<br>WT/<br>CASE | WT/<br>CASE |
|----------------|------|-----------------------|-------------|---------------------|-------------|
|----------------|------|-----------------------|-------------|---------------------|-------------|

|     |       |         |   |    |   |
|-----|-------|---------|---|----|---|
| 813 | 17544 | 6-2 AWG | 1 | 10 | 6 |
|-----|-------|---------|---|----|---|

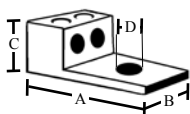




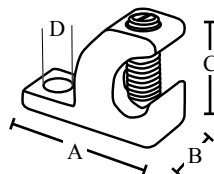
| CAT# | A      | B      | C      | D     |
|------|--------|--------|--------|-------|
| 810  | 1.0981 | .3906  | .75    | .193  |
| 811  | 1.50   | 1.6099 | 1.4375 | .25   |
| 812  | 2.2031 | 2.2031 | 1.7031 | .3125 |



| CAT# | A      | B     | C      | D     |
|------|--------|-------|--------|-------|
| 805  | 1.0625 | .50   | .50    | .25   |
| 806  | 1.1563 | .50   | .5625  | .25   |
| 807  | 1.4088 | .625  | .8125  | .25   |
| 808  | 1.4688 | .625  | .8125  | .25   |
| 809  | 2.00   | .9375 | 1.0625 | .3125 |
| 1810 | 2.00   | .8275 | 1.0625 | .3125 |
| 817  | 2.25   | 1.125 | 1.25   | .3125 |
| 818  | 2.75   | 1.125 | 1.50   | .375  |
| 1818 | 2.75   | 1.375 | 1.50   | .375  |
| 819  | 3.50   | 1.50  | 1.75   | .50   |
| 1820 | 3.50   | 1.50  | 1.25   | .50   |



| CAT# | A      | B      | C      | D    |
|------|--------|--------|--------|------|
| 2807 | 1.50   | 1.1875 | .8125  | .25  |
| 2808 | 1.50   | 1.1875 | .8125  | .25  |
| 2809 | 2.5625 | 1.625  | 1.1875 | .375 |
| 2817 | 2.875  | 2.9375 | 1.25   | .50  |
| 2818 | 3.125  | 2.375  | 1.5625 | .50  |
| 2819 | 3.50   | 2.8125 | 1.6875 | .625 |
| 2820 | 3.50   | 2.8125 | 1.6875 | .625 |



| CAT#  | A      | B   | C     | D   |
|-------|--------|-----|-------|-----|
| 810DB | 1.1417 | .38 | .8464 | .19 |

## SOLDERLESS LUGS

### LAY-IN TYPE

• TEMPERATURE RATING 90° C

Used with copper or alum. conductor

ALUMINUM

| TOPAZ<br>CAT # | RECOMMENDED<br>UPC# | TORQUE IN LBS | WIRE RANGE<br>MIN-MAX | BOLT<br>SIZE | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|---------------------|---------------|-----------------------|--------------|-------------|--------------|-------------|
| 810            | 18210               | 35            | 14-4                  | 1/4          | —           | 250          | 2           |
| 811            | 18220               | 50            | 8-1/0                 | 1/4          | —           | 100          | 6           |
| 812            | 18230               | 275           | 6-250 MCM             | 5/16         | —           | 50           | 7           |

### SINGLE HOLE

|      |       |     |                   |      |    |     |    |
|------|-------|-----|-------------------|------|----|-----|----|
| 805  | 18160 | 35  | 14-6              | 1/4  | —  | 100 | 2  |
| 806  | 18170 | 50  | 14-2              | 1/4  | —  | 100 | 2  |
| 807  | 18180 | 180 | 14-1/0            | 1/4  | —  | 50  | 6  |
| 808  | 18190 | 120 | 14-2/0            | 1/4  | —  | 50  | 5  |
| 809  | 18200 | 325 | 6-4/0             | 5/16 | —  | 25  | 3  |
| 1810 | 18269 | 325 | 6-300 MCM         | 5/16 | 10 | 100 | 25 |
| 817  | 18201 | 325 | 6-350 MCM         | 5/16 | —  | 25  | 3  |
| 818  | 18202 | 375 | 4-500 MCM         | 5/16 | —  | 10  | 2  |
| 1818 | 18271 | 500 | 9-600 MCM         | 3/8  | 5  | 50  | 35 |
| 819  | 18203 | 500 | 350 MCM-800 MCM   | 3/8  | —  | 5   | 2  |
| 1820 | 18272 | 600 | 500 MCM-10000 MCM | 5/8  | 6  | 60  | 46 |

### DOUBLE

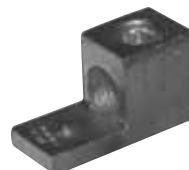
• TEMPERATURE RATING 90° C

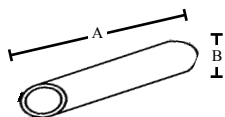
|      |       |     |         |          |    |     |    |
|------|-------|-----|---------|----------|----|-----|----|
| 2807 | 81830 | 50  | 14      | 1/0      | 10 | 100 | 23 |
| 2808 | 81831 | 50  | 14      | 2/0      | 10 | 100 | 24 |
| 2809 | 81832 | 275 | 6       | 250 MCM  | 10 | 100 | 26 |
| 2817 | 81833 | 275 | 6       | 350 MCM  | 4  | 40  | 20 |
| 2818 | 81834 | 375 | 2       | 600 MCM  | 4  | 40  | 19 |
| 2819 | 81835 | 375 | 300 MCM | 800 MCM  | 2  | 20  | 14 |
| 2820 | 81836 | 375 | 500 MCM | 1000 MCM | 2  | 20  | 15 |

## SOLAR LAY IN LUG

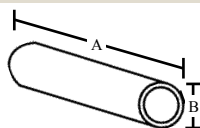
COPPER, TINPLATED, STAINLESS STEEL SCREW

| TOPAZ<br>CAT # | RECOMMENDED<br>UPC# | TORQUE IN LBS | WIRE RANGE<br>MIN-MAX | BOLT<br>SIZE | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|---------------------|---------------|-----------------------|--------------|-------------|--------------|-------------|
| 810DB          | 86341               | 35            | 14-4                  | 1/4          | —           | 100          | 7           |





| CAT#  | A    | B    |
|-------|------|------|
| 3101  | 1.75 | .20  |
| 3102  | 1.75 | .20  |
| 3103  | 1.75 | .25  |
| 3105  | 1.90 | .31  |
| 3106  | 2.20 | .39  |
| 3107  | 2.25 | .44  |
| 3108  | 2.25 | .49  |
| 3109  | 2.75 | .55  |
| 3109A | 3.25 | .59  |
| 3109B | 3.50 | .66  |
| 3110  | 3.75 | .70  |
| 3110A | 3.75 | .76  |
| 3111  | 4.25 | .83  |
| 3111A | 4.50 | .93  |
| 3112  | 4.75 | 1.03 |



| CAT#  | A    | B    |
|-------|------|------|
| 3301  | .90  | .17  |
| 3302  | 1.00 | .20  |
| 3303  | 1.00 | .25  |
| 3305  | 1.25 | .31  |
| 3305A | 1.60 | .39  |
| 3306  | 1.75 | .44  |
| 3307  | 1.75 | .49  |
| 3308  | 1.90 | .55  |
| 3309  | 2.00 | .59  |
| 3309A | 2.10 | .66  |
| 3310  | 2.10 | .70  |
| 3310A | 2.30 | .76  |
| 3311  | 2.50 | .83  |
| 3311A | 2.50 | .93  |
| 3312  | 3.21 | 1.03 |

## COMPRESSION SPLICES

UL LISTED PER 486A UP TO 35KV

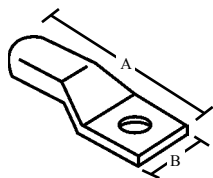
|                |       |              |               |             | COPPER       |             |
|----------------|-------|--------------|---------------|-------------|--------------|-------------|
| TOPAZ<br>CAT # | UPC#  | WIRE<br>SIZE | COLOR<br>CODE | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
| LONG BARREL    |       |              |               |             |              |             |
| 3101           | 41080 | 8            | RED           | 100         | 1000         | 32          |
| 3102           | 41081 | 6            | BLUE          | 100         | 1000         | 32          |
| 3103           | 41082 | 4            | GRAY          | 100         | 1000         | 32          |
| 3105           | 41084 | 2            | BROWN         | 100         | 1000         | 32          |
| 3106           | 41085 | 1/0          | PINK          | 50          | 1000         | 18          |
| 3107           | 41086 | 2/0          | BLACK         | 50          | 1000         | 18          |
| 3108           | 41087 | 3/0          | ORANGE        | 50          | 1000         | 18          |
| 3109           | 41088 | 4/0          | PURPLE        | 25          | 250          | 10          |
| 3109A          | 41089 | 250 MCM      | YELLOW        | 25          | 250          | 10          |
| 3109B          | 41090 | 300 MCM      | WHITE         | 25          | 250          | 10          |
| 3110           | 41091 | 350 MCM      | RED           | 25          | 250          | 12          |
| 3110A          | 41092 | 400 MCM      | BLUE          | 25          | 250          | 12          |
| 3111           | 41093 | 500 MCM      | BROWN         | 25          | 250          | 12          |
| 3111A          | 81810 | 600 MCM      | GREEN         | 25          | 250          | 14          |
| 3112           | 81811 | 750 MCM      | BLACK         | 25          | 250          | 14          |

## SHORT BARREL

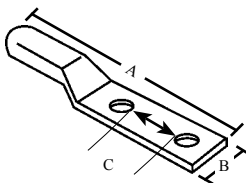
| CAT#  | UPC#  | WIRE<br>SIZE | COLOR<br>CODE | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|-------|-------|--------------|---------------|-------------|--------------|-------------|
| 3301  | 81599 | 8            | RED           | 100         | 1000         | 11          |
| 3302  | 81600 | 6            | BLUE          | 100         | 1000         | 12          |
| 3303  | 81601 | 4            | GRAY          | 100         | 1000         | 14          |
| 3305  | 81602 | 2            | BROWN         | 100         | 1000         | 19          |
| 3305A | 81603 | 1            | GREEN         | 100         | 1000         | 33          |
| 3306  | 81604 | 1/0          | PINK          | 100         | 1000         | 39          |
| 3307  | 81605 | 2/0          | ORANGE        | 50          | 500          | 39          |
| 3308  | 81606 | 3/0          | PURPLE        | 50          | 500          | 37          |
| 3309  | 81607 | 4/0          | YELLOW        | 50          | 500          | 26          |
| 3309A | 81608 | 250 MCM      | WHITE         | 50          | 500          | 27          |
| 3310  | 81609 | 350 MCM      | RED           | 50          | 500          | 27          |
| 3310A | 81610 | 400 MCM      | BLUE          | 50          | 500          | 20          |
| 3311  | 81611 | 500 MCM      | BROWN         | 50          | 500          | 21          |
| 3311A | 81612 | 600 MCM      | GREEN         | 50          | 500          | 17          |
| 3312  | 81613 | 750 MCM      | BLACK         | 20          | 200          | 22          |







| CAT#  | A    | B    |
|-------|------|------|
| 2901  | 1.20 | .42  |
| 2901A | 1.20 | .42  |
| 2902  | 1.50 | .42  |
| 2902A | 1.50 | .42  |
| 2903  | 1.50 | .71  |
| 2903A | 1.50 | .71  |
| 2903B | 1.50 | .71  |
| 2905  | 1.80 | .83  |
| 2905A | 1.83 | .67  |
| 2906  | 1.83 | .74  |
| 2907  | 2.24 | .81  |
| 2907A | 2.24 | .81  |
| 2908  | 2.36 | .90  |
| 2909  | 2.36 | 1.00 |
| 2909A | 2.48 | 1.09 |
| 2909B | 2.49 | 1.19 |
| 2910  | 2.61 | 1.28 |
| 2910A | 3.95 | 1.39 |
| 2911  | 3.28 | 1.54 |
| 2911A | 3.50 | 1.72 |
| 2912  | 4.37 | 1.90 |



| CAT#  | A    | B    | C    |
|-------|------|------|------|
| 2921  | 2.50 | .45  | .625 |
| 2922  | 2.56 | .45  | .625 |
| 2923  | 2.34 | .50  | .625 |
| 2925  | 2.58 | .61  | .75  |
| 2925A | 3.05 | .61  | .75  |
| 2926  | 3.14 | .75  | .875 |
| 2927  | 3.24 | .83  | 1.75 |
| 2927A | 4.17 | .83  | 1.75 |
| 2928  | 4.25 | .91  | 1.75 |
| 2929  | 4.28 | 1.02 | 1.75 |
| 2929A | 4.41 | 1.11 | 1.75 |
| 2929B | 4.53 | 1.24 | 1.75 |
| 2930  | 4.53 | 1.24 | 1.75 |
| 2931  | 4.81 | 1.34 | 1.75 |
| 2932  | 4.88 | 1.52 | 1.75 |
| 2933  | 4.49 | 1.73 | 1.75 |
| 2934  | 4.79 | 1.89 | 1.75 |

## COMPRESSION LUGS

UL LISTED PER 486A UP TO 35KV

COPPER

| TOPAZ<br>CAT # | UPC# | WIRE<br>SIZE | COLOR<br>CODE | BOLT<br>SIZE | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|------|--------------|---------------|--------------|-------------|--------------|-------------|
|----------------|------|--------------|---------------|--------------|-------------|--------------|-------------|

### ONE HOLE SHORT BARREL

|       |       |         |        |       |     |      |    |
|-------|-------|---------|--------|-------|-----|------|----|
| 2901  | 81614 | 8       | RED    | 10    | 100 | 1000 | 14 |
| 2901A | 81615 | 8       | RED    | 1/4"  | 100 | 1000 | 13 |
| 2902  | 81616 | 6       | BLUE   | 1/4"  | 100 | 1000 | 17 |
| 2902A | 81617 | 6       | BLUE   | 5/16" | 100 | 1000 | 18 |
| 2903  | 81618 | 4       | GRAY   | 1/4"  | 100 | 1000 | 20 |
| 2903A | 81619 | 4       | GRAY   | 5/16" | 100 | 1000 | 18 |
| 2903B | 81620 | 4       | GRAY   | 3/8"  | 100 | 1000 | 19 |
| 2905  | 81621 | 2       | BROWN  | 3/8"  | 100 | 1000 | 24 |
| 2905A | 81622 | 1       | GREEN  | 3/8"  | 100 | 1000 | 31 |
| 2906  | 81623 | 1/0     | PINK   | 3/8"  | 100 | 1000 | 24 |
| 2907  | 81624 | 2/0     | BLACK  | 3/8"  | 100 | 1000 | 34 |
| 2907A | 81625 | 2/0     | BLACK  | 1/2"  | 100 | 1000 | 27 |
| 2908  | 81626 | 3/0     | ORANGE | 3/8"  | 100 | 1000 | 33 |
| 2909  | 81627 | 4/0     | PURPLE | 1/2"  | 50  | 500  | 27 |
| 2909A | 81804 | 250 MCM | YELLOW | 1/2"  | 50  | 500  | 27 |
| 2909B | 81805 | 300 MCM | WHITE  | 1/2"  | 50  | 500  | 27 |
| 2910  | 81628 | 350 MCM | RED    | 1/2"  | 50  | 500  | 36 |
| 2910A | 81629 | 400 MCM | BLUE   | 1/2"  | 50  | 500  | 26 |
| 2911  | 81606 | 500 MCM | BROWN  | 5/8"  | 20  | 200  | 26 |
| 2911A | 81807 | 600 MCM | GREEN  | 5/8"  | 20  | 200  | 26 |
| 2912  | 81630 | 750 MCM | BLACK  | 5/8"  | 20  | 200  | 26 |



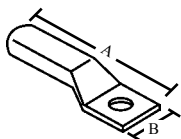
E155861

### TWO HOLE SHORT BARREL

|       |       |         |        |       |     |      |    |
|-------|-------|---------|--------|-------|-----|------|----|
| 2921  | 81813 | 8       | RED    | 10    | 100 | 1000 | 18 |
| 2922  | 81814 | 6       | BLUE   | 1/4"  | 100 | 1000 | 26 |
| 2923  | 81815 | 4       | GRAY   | 1/4"  | 100 | 1000 | 20 |
| 2925  | 81816 | 2       | BROWN  | 5/16" | 100 | 1000 | 18 |
| 2925A | 81817 | 2       | BROWN  | 3/8"  | 100 | 1000 | 21 |
| 2926  | 81818 | 1/0     | PINK   | 5/16" | 100 | 1000 | 21 |
| 2927  | 81819 | 2/0     | BLACK  | 3/8"  | 100 | 1000 | 21 |
| 2927A | 81820 | 2/0     | BLACK  | 1/2"  | 100 | 1000 | 21 |
| 2928  | 81821 | 3/0     | ORANGE | 1/2"  | 50  | 500  | 28 |
| 2929  | 81822 | 4/0     | PURPLE | 1/2"  | 50  | 500  | 19 |
| 2929A | 81803 | 250 MCM | YELLOW | 1/2"  | 50  | 500  | 23 |
| 2929B | 81804 | 300 MCM | WHITE  | 1/2"  | 50  | 500  | 26 |
| 2930  | 81825 | 350 MCM | RED    | 1/2"  | 50  | 500  | 26 |
| 2931  | 81826 | 400 MCM | BLUE   | 1/2"  | 20  | 200  | 26 |
| 2932  | 81807 | 500 MCM | BROWN  | 1/2"  | 20  | 200  | 26 |
| 2933  | 81808 | 600 MCM | GREEN  | 3/8"  | 20  | 200  | 26 |
| 2934  | 81839 | 750 MCM | BLACK  | 1/2"  | 20  | 200  | 26 |



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## COMPRESSION LUGS (Cont'd)

UL LISTED PER 486A UP TO 35KV

COPPER

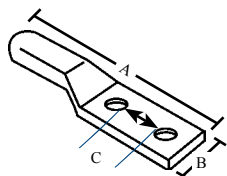
| TOPAZ<br>CAT # | UPC# | WIRE<br>SIZE | COLOR<br>CODE | BOLT<br>SIZE | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|------|--------------|---------------|--------------|-------------|--------------|-------------|
|----------------|------|--------------|---------------|--------------|-------------|--------------|-------------|

### ONE HOLE LONG BARREL

|       |       |         |        |      |     |      |    |
|-------|-------|---------|--------|------|-----|------|----|
| 3001  | 41050 | 8       | RED    | 1/4" | 100 | 1000 | 32 |
| 3002  | 41051 | 6       | BLUE   | 1/4" | 100 | 1000 | 32 |
| 3003  | 41052 | 4       | GRAY   | 1/4" | 100 | 1000 | 32 |
| 3005  | 41054 | 2       | BROWN  | 3/8" | 100 | 1000 | 32 |
| 3005A | 81808 | 1       | GREEN  | 3/8" | 100 | 1000 | 32 |
| 3006  | 41055 | 1/0     | PINK   | 3/8" | 25  | 250  | 18 |
| 3007  | 41056 | 2/0     | BLACK  | 3/8" | 50  | 500  | 18 |
| 3008  | 41057 | 3/0     | ORANGE | 3/8" | 50  | 500  | 10 |
| 3008A | 81809 | 3/0     | ORANGE | 1/2" | 50  | 500  | 10 |
| 3009  | 41058 | 4/0     | PURPLE | 1/2" | 25  | 250  | 10 |
| 3009A | 41059 | 250 MCM | YELLOW | 1/2" | 25  | 250  | 10 |
| 3009B | 41061 | 300 MCM | WHITE  | 1/2" | 25  | 250  | 10 |
| 3010  | 41062 | 350 MCM | RED    | 1/2" | 20  | 200  | 8  |
| 3010A | 41063 | 400 MCM | BLUE   | 1/2" | 20  | 200  | 8  |
| 3011  | 41064 | 500 MCM | BROWN  | 1/2" | 20  | 200  | 8  |
| 3011A | 41065 | 600 MCM | GREEN  | 5/8" | 20  | 200  | 8  |
| 3012  | 41066 | 750 MCM | BLACK  | 5/8" | 20  | 200  | 8  |



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### TWO HOLE LONG BARREL

|       |       |         |        |      |     |      |    |
|-------|-------|---------|--------|------|-----|------|----|
| 3201  | 81812 | 8       | RED    | 1/4" | 100 | 1000 | 20 |
| 3202  | 81633 | 6       | BLUE   | 1/4" | 100 | 1000 | 21 |
| 3203  | 81635 | 4       | GRAY   | 1/4" | 100 | 1000 | 21 |
| 3205  | 81636 | 2       | BROWN  | 1/2" | 100 | 1000 | 29 |
| 3206  | 81638 | 1/0     | PINK   | 1/2" | 100 | 1000 | 30 |
| 3207  | 81640 | 2/0     | BLACK  | 1/2" | 100 | 1000 | 25 |
| 3208  | 81701 | 3/0     | ORANGE | 1/2" | 50  | 500  | 19 |
| 3209  | 81641 | 4/0     | PURPLE | 1/2" | 50  | 500  | 19 |
| 3209A | 81642 | 250 MCM | YELLOW | 1/2" | 50  | 500  | 27 |
| 3209B | 81643 | 300 MCM | WHITE  | 1/2" | 50  | 500  | 29 |
| 3210  | 81644 | 350 MCM | RED    | 1/2" | 50  | 500  | 37 |
| 3210A | 81645 | 400 MCM | BLUE   | 1/2" | 20  | 200  | 39 |
| 3211  | 81646 | 500 MCM | BROWN  | 1/2" | 20  | 200  | 32 |
| 3211A | 81647 | 600 MCM | GREEN  | 1/2" | 20  | 200  | 41 |
| 3212  | 81648 | 750 MCM | BLACK  | 1/2" | 20  | 200  | 43 |



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| CAT#  | A    | B    |
|-------|------|------|
| 3001  | 1.70 | .38  |
| 3002  | 1.77 | .38  |
| 3003  | 1.77 | .50  |
| 3005  | 2.00 | .67  |
| 3005A | 2.09 | .67  |
| 3006  | 2.20 | .75  |
| 3007  | 2.80 | .75  |
| 3008  | 2.80 | .87  |
| 3008A | 2.80 | .87  |
| 3009  | 2.80 | 1.00 |
| 3009A | 3.03 | 1.13 |
| 3009B | 3.39 | 1.13 |
| 3010  | 3.50 | 1.13 |
| 3010A | 3.74 | 1.34 |
| 3011  | 4.02 | 1.50 |
| 3011A | 4.25 | 1.75 |
| 3012  | 5.16 | 1.87 |

| CAT#  | A    | B    | C    |
|-------|------|------|------|
| 3201  | 2.24 | .42  | .625 |
| 3202  | 2.24 | .42  | .625 |
| 3203  | 2.36 | .49  | .625 |
| 3205  | 2.87 | .50  | .75  |
| 3206  | 4.40 | .74  | .875 |
| 3207  | 4.61 | .81  | 1.75 |
| 3208  | 4.69 | .90  | 1.75 |
| 3209  | 4.72 | 1.00 | 1.75 |
| 3209A | 4.95 | 1.09 | 1.75 |
| 3209B | 5.31 | 1.19 | 1.75 |
| 3210  | 5.39 | 1.28 | 1.75 |
| 3210A | 5.47 | 1.39 | 1.75 |
| 3211  | 5.79 | 1.72 | 1.75 |
| 3211A | 5.79 | 1.72 | 1.75 |
| 3212  | 6.30 | 1.90 | 1.75 |





| CAT# | WIRE RANGE |           | VOLTS |
|------|------------|-----------|-------|
|      | MIN.       | MAX.      |       |
| WY1  | 2#18       | 3#12      | 600V  |
| WY2  | 2#18       | 3#12      | 600V  |
| WR1  | 2#14       | 5#12      | 600V  |
| WR2  | 2#14       | 5#12      | 600V  |
| WB1  | 3#12       | 1#6 & 2#8 | 600V  |
| WB2  | 3#12       | 1#6 & 2#8 | 600V  |
| WG1  | 2#14       | 5#12      | 600V  |
| WG2  | 2#14       | 5#12      | 600V  |
| WT1  | 3#22       | 3#10      | 600V  |
| WT2  | 3#22       | 3#10      | 600V  |



| CAT#  | WIRE RANGE |             | VOLTS |
|-------|------------|-------------|-------|
|       | MIN.       | MAX.        |       |
| W81G1 | 2#22       | 2#16        | 300V  |
| W82G2 | 2#22       | 2#16        | 300V  |
| W82B1 | 2#18       | 3#16        | 300V  |
| W82B2 | 2#18       | 3#16        | 300V  |
| W83O1 | 2#18       | 2#14        | 600V  |
| W83O2 | 2#18       | 2#14        | 600V  |
| W84Y1 | 3#18       | 4#14 & 1#18 | 600V  |
| W84Y2 | 3#18       | 4#14 & 1#18 | 600V  |
| W86R1 | 2#14       | 4#12        | 600V  |
| W86R2 | 2#14       | 4#12        | 600V  |

## WIRE CONNECTORS

- EASY ASSEMBLY
- COLOR CODED FOR EASY SIZE AND CAPACITY IDENTIFICATION
- TEMPERATURE RATING OF 105° C.
- SQUARE WIRE SPRING INSERT FOR SECURE CONNECTIONS

### POLYPROPYLENE

| TOPAZ CAT # | UPC# | COLOR | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|------|-------|----------|-----------|----------|
|-------------|------|-------|----------|-----------|----------|

### WINGED

- JOINS #18 THRU #10 AWG

|     |       |        |         |      |    |
|-----|-------|--------|---------|------|----|
| WY1 | 21930 | YELLOW | 100/BOX | 5000 | 16 |
| WY2 | 21940 | YELLOW | 500/BAG | 5000 | 16 |

- JOINS #18 THRU #10 AWG

|     |       |     |         |      |    |
|-----|-------|-----|---------|------|----|
| WR1 | 21950 | RED | 100/BOX | 5000 | 27 |
| WR2 | 21960 | RED | 500/BAG | 5000 | 27 |

- JOINS #14 THRU #6 AWG

|     |       |      |         |      |    |
|-----|-------|------|---------|------|----|
| WB1 | 21970 | BLUE | 50/BOX  | 500  | 13 |
| WB2 | 21980 | BLUE | 250/BAG | 1000 | 13 |

- JOINS #14 THRU #10 AWG

|     |       |       |         |      |    |
|-----|-------|-------|---------|------|----|
| WG1 | 21993 | GREEN | 100/BOX | 5000 | 16 |
| WG2 | 21990 | GREEN | 500/BAG | 5000 | 16 |

- JOINS #22 THRU #8 AWG

|     |       |     |         |      |    |
|-----|-------|-----|---------|------|----|
| WT1 | 21992 | TAN | 100/BOX | 1000 | 13 |
| WT2 | 21991 | TAN | 500/BAG | 1000 | 35 |

### FLUTED BODY

- JOINS #22 THRU #14 AWG

|       |       |      |         |      |   |
|-------|-------|------|---------|------|---|
| W81G1 | 30520 | GRAY | 100/BOX | 5000 | 4 |
| W81G2 | 30530 | GRAY | 500/BAG | 5000 | 4 |

- JOINS #22 THRU #14 AWG

|       |       |      |         |      |   |
|-------|-------|------|---------|------|---|
| W82B1 | 30540 | BLUE | 100/BOX | 5000 | 5 |
| W82B2 | 30550 | BLUE | 500/BAG | 5000 | 5 |

- JOINS #22 THRU #14 AWG

|       |       |        |         |      |    |
|-------|-------|--------|---------|------|----|
| W83O1 | 30560 | ORANGE | 100/BOX | 5000 | 13 |
| W83O2 | 30570 | ORANGE | 500/BAG | 5000 | 13 |

- JOINS #18 THRU #10 AWG

|       |       |        |         |      |    |
|-------|-------|--------|---------|------|----|
| W84Y1 | 30580 | YELLOW | 100/BOX | 5000 | 24 |
| W84Y2 | 30590 | YELLOW | 500/BAG | 5000 | 24 |

- JOINS #18 THRU #8 AWG

|       |       |     |         |      |    |
|-------|-------|-----|---------|------|----|
| W86R1 | 30600 | RED | 100/BOX | 5000 | 52 |
| W86R2 | 30610 | RED | 500/BAG | 5000 | 52 |

(1) UL RATED AT 300 VOLTS.

(2) UL RATED AT 600 VOLTS, EXCEPT FIXTURES AND SIGNS-1,000 VOLTS.



E155861



E155861

## PLASTIC ELECTRICAL TAPE

• 7 MIL

PVC



| TOPAZ<br>CAT # | UPC#  | SIZE         | COLOR  | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|--------------|--------|-------------|--------------|-------------|
| 830T           | 18370 | 3/4" X 30'   | BLACK  | 10          | 500          | 41          |
| 860T           | 18380 | 3/4" X 60'   | BLACK  | 10          | 200          | 21          |
| 866T           | 18410 | 3/4" X 66'   | BLACK  | —           | 100          | 20          |
| 866BLU         | 18411 | 3/4" X 66'   | BLUE   | —           | 100          | 20          |
| 866BRN         | 18412 | 3/4" X 66'   | BROWN  | —           | 100          | 20          |
| 866GRN         | 18413 | 3/4" X 66'   | GREEN  | —           | 100          | 20          |
| 866GRY         | 18414 | 3/4" X 66'   | GRAY   | —           | 100          | 20          |
| 866ORN         | 18415 | 3/4" X 66'   | ORANGE | —           | 100          | 20          |
| 866RED         | 18417 | 3/4" X 66'   | RED    | —           | 100          | 20          |
| 866WHT         | 18418 | 3/4" X 66'   | WHITE  | —           | 100          | 20          |
| 866YEL         | 18419 | 3/4" X 66'   | YELLOW | —           | 100          | 20          |
| 867T           | 18440 | 1 1/2" X 66' | BLACK  | —           | 100          | 40          |



## TAPE

| TOPAZ<br>CAT # | UPC#  | SIZE       | COLOR  |              | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|------------|--------|--------------|--------------|-------------|
| 830BLU         | 18371 | 1/2" X 20' | BLUE   | Phasing Tape | 7            | 8           |
| 830BRN         | 18372 | 1/2" X 20' | BROWN  | Phasing Tape | 7            | 8           |
| 830GRN         | 18373 | 1/2" X 20' | GREEN  | Phasing Tape | 7            | 8           |
| 830GRY         | 18374 | 1/2" X 20' | GRAY   | Phasing Tape | 7            | 8           |
| 830ORN         | 18375 | 1/2" X 20' | ORANGE | Phasing Tape | 7            | 8           |
| 830PUR         | 18376 | 1/2" X 20' | PURPLE | Phasing Tape | 7            | 8           |
| 830RED         | 18377 | 1/2" X 20' | RED    | Phasing Tape | 7            | 8           |
| 830WHT         | 18378 | 1/2" X 20' | WHITE  | Phasing Tape | 7            | 8           |
| 830YEL         | 18379 | 1/2" X 20' | YELLOW | Phasing Tape | 7            | 8           |



|      |       |              |       |               |     |    |
|------|-------|--------------|-------|---------------|-----|----|
| 861  | 18381 | 2" X 36 YD   | WHITE | Vinyl Tape    | 24  | 20 |
| 869  | 18421 | 3/4" X 60 YD | BLACK | Friction Tape | 100 | 35 |
| 870  | 18420 | 3/4" X 22 YD | BLACK | Rubber Tape   | 100 | 20 |
| 870C | 18396 | 2" X 22 YD   | BLACK | Rubber Tape   | 50  | 25 |
| 870T | 18423 | 2" X 55 YD   | CLEAR | Film Tape     | 36  | 7  |
| 871C | 18402 | 2" X 110 YD  | CLEAR | Sealing Tape  | 36  | 14 |

## CAUTION TAPE

• NON-DETECTABLE

| TOPAZ<br>CAT # | UPC#  | COLOR                                               | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|-----------------------------------------------------|-------------|--------------|-------------|
| 1591           | 83029 | 3" x 300' YELLOW "CAUTION"                          | —           | 16           | 16          |
| 1592           | 83030 | 3" x 1000' YELLOW "CAUTION"                         | —           | 8            | 40          |
| 1593           | 83031 | 3" x 200' RED "CAUTION BURIED ELECTRIC LINE BELOW"  | —           | 16           | 16          |
| 1594           | 83032 | 3" x 1000' RED "CAUTION BURIED ELECTRIC LINE BELOW" | —           | 8            | 40          |
| 1595           | 83033 | 6" x 1000' RED "CAUTION BURIED ELECTRIC LINE BELOW" | —           | 4            | 60          |

• DETECTABLE

|      |       |                                                     |   |    |    |
|------|-------|-----------------------------------------------------|---|----|----|
| 1596 | 83034 | 2" x 1000' RED "CAUTION BURIED ELECTRIC LINE BELOW" | — | 12 | 60 |
| 1597 | 83035 | 3" x 1000' RED "CAUTION BURIED ELECTRIC LINE BELOW" | — | 8  | 64 |
| 1598 | 83036 | 6" x 1000' RED "CAUTION BURIED ELECTRIC LINE BELOW" | — | 4  | 64 |



| CAT# | MIL |                |
|------|-----|----------------|
| 1591 | 4   | Non-Detectable |
| 1592 | 4   | Non-Detectable |
| 1593 | 4   | Non-Detectable |
| 1594 | 4   | Non-Detectable |
| 1595 | 4   | Non-Detectable |
| 1596 | 5   | Detectable     |
| 1597 | 5   | Detectable     |
| 1598 | 5   | Detectable     |



## HEAVY DUTY CABLE LUBRICANT

| TOPAZ CAT # | UPC#  | SIZE          | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|---------------|----------|-----------|----------|
| 1200        | 19762 | 1 QUART       | —        | 10        | 13       |
| 1201        | 19763 | 1 GALLON      | —        | 4         | 25       |
| 1202        | 19764 | 5 GALLON PAIL | —        | 1         | 30       |

Water-based gel, Non-toxicity - Non-flammable. Compatible with all cables. Complete cleanup with water.



## DUCT TAPE

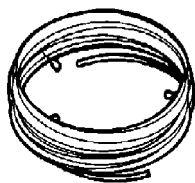
| TOPAZ CAT # | UPC#  | SIZE                 | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|----------------------|----------|-----------|----------|
| 868         | 33760 | 2" X 60 YARDS        | —        | 24        | 42       |
| 868F        | 18422 | 2" X 50 YD FOIL TAPE | —        | 24        | 51       |



## ANTIOX CONTACT COMPOUND

| TOPAZ CAT # | UPC#  | SIZE           | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|----------------|----------|-----------|----------|
| 1209        | 19765 | 4 OUNCE BOTTLE | —        | 12        | 3        |
| 1210        | 19766 | 8 OUNCE BOTTLE | —        | 12        | 6        |

Prevents oxidation of Aluminum to Aluminum & Aluminum to Copper Electrical Conductors. Used for all types of connections, split-bolt and wire connectors. Non conductive



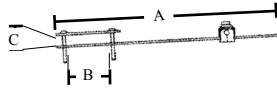
## FISH WIRE

- INDIVIDUALLY BAGGED
- REPLACEMENT FOR REWINDERS

### SPRING STEEL

| TOPAZ CAT # | UPC#  | SIZE                | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|---------------------|----------|-----------|----------|
| 890         | 18980 | 1/8" X .060" X 25'  | —        | 20        | 7        |
| 891         | 18990 | 1/8" X .060" X 50'  | —        | 20        | 25       |
| 892         | 19000 | 1/8" X .060" X 100' | —        | 10        | 25       |
| 893         | 19010 | 1/8" X .060" X 200' | —        | 5         | 25       |
| 895         | 19020 | 1/4" X .060" X 50'  | —        | 10        | 25       |
| 896         | 19030 | 1/4" X .060" X 100' | —        | 10        | 50       |
| 897         | 19040 | 1/4" X .060" X 200' | —        | 5         | 50       |



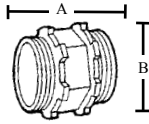


| CAT# | OPENINGS |         |         |         |
|------|----------|---------|---------|---------|
|      | A        | B (MIN) | B (MAX) | C (MAX) |
| CBS  | 11.00    | 1.00    | 2.25    | 1.25    |

## CEILING BOX SUPPORT

STEEL

| TOPAZ CAT # | UPC#  | SIZE   | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|--------|----------|-----------|----------|
| CBS         | 19891 | 1"- 2" | —        | 50        | 1        |



| CAT# | A    | B   |
|------|------|-----|
| 141  | 1.12 | .40 |
| 141A | 1.12 | .95 |

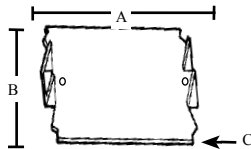
## BOX SPACING CONNECTOR WITH TWIN LOCKNUTS

ZINC DIE CAST

| TOPAZ CAT # | UPC#  | SIZE | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|------|----------|-----------|----------|
| 141         | 10930 | 1/2" | 50       | 500       | 40       |
| 141A        | 10932 | 3/4" | 25       | 250       | 24       |



E155861



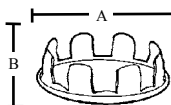
| CAT#    | A    | B    | C     |
|---------|------|------|-------|
| 187     | 6.00 | 1.50 | .0598 |
| 188     | 5.00 | 1.50 | .0598 |
| 189     | 2.50 | 1.50 | .0598 |
| 189B    | 2.50 | 1.50 | .0598 |
| 189-100 | 2.50 | 1.50 | .0598 |

## NAIL PLATE WITH PRONGS

- 16 GAUGE
- NAIL HOLES

STEEL

| TOPAZ CAT # | UPC#  | SIZE                    | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|-------------------------|----------|-----------|----------|
| 187         | 11497 | 1 1/2" X 6"             | —        | 100       | 49       |
| 188         | 11498 | 1 1/2" X 5"             | —        | 100       | 30       |
| 189         | 11500 | 1 1/2" X 2 1/2"         | —        | 200       | 20       |
| 189B        | 11501 | 1 1/2" X 2 1/2" X 1/16" | 50       | 200       | 20       |
| 189-100     | 11499 | 1 1/2" X 2 1/2" X 1/16" | —        | 100       | 20       |

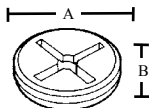


| CAT# | A    | B   |
|------|------|-----|
| K050 | 1.07 | .37 |
| K051 | 1.24 | .31 |
| K052 | 1.48 | .34 |
| K053 | 1.80 | .31 |
| K054 | 2.22 | .37 |
| K055 | 2.68 | .36 |

## KNOCK-OUT SEALS

STEEL

| TOPAZ CAT # | UPC#  | SIZE   | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|--------|----------|-----------|----------|
| K050        | 20780 | 1/2"   | 100      | 1000      | 10       |
| K051        | 20790 | 3/4"   | 100      | 1000      | 20       |
| K052        | 20800 | 1"     | 50       | 500       | 9        |
| K053        | 20810 | 1 1/4" | 50       | 500       | 10       |
| K054        | 20820 | 1 1/2" | 50       | 500       | 20       |
| K055        | 20830 | 2"     | 10       | 100       | 5        |

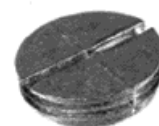


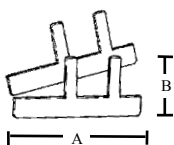
| CAT#  | A    | B   |
|-------|------|-----|
| WP50  | .79  | .33 |
| WP75  | 1.00 | .30 |
| WP100 | 1.23 | .28 |

## CLOSURE PLUGS

ZINC DIE CAST

| TOPAZ CAT # | UPC#  | SIZE | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|------|----------|-----------|----------|
| WP50        | 19700 | 1/2" | —        | 100       | 2        |
| WP75        | 19710 | 3/4" | —        | 50        | 2        |
| WP100       | 19720 | 1"   | —        | 25        | 2        |



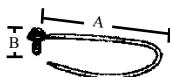


| CAT# | A     | B     |
|------|-------|-------|
| 199  | 5.125 | 2.250 |

## BOX SUPPORTS

STEEL

| TOPAZ<br>CAT # | UPC#  |               | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|---------------|-------------|--------------|-------------|
| 199            | 11540 | SOLD IN PAIRS | 50 PR       | 500 PR       | 25          |

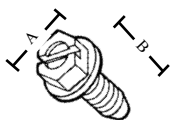


| CAT# | A     | B           |
|------|-------|-------------|
| 49   | 7 1/2 | 10-32 x 3/8 |
| 50   | 7 1/2 | 10-32 x 3/8 |

## GREEN PIGTAIL W/SLOTTED HEX GROUND SCREW

COPPER

| TOPAZ<br>CAT # | UPC#  | SIZE               | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|--------------------|-------------|--------------|-------------|
| 49             | 33505 | 7 1/2" 12GA. SOLID | —           | 100          | 24          |
| 50             | 33506 | 7 1/2" 14GA. SOLID | —           | 100          | 23          |

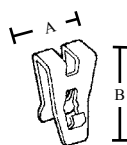


| CAT# | A    | B    |
|------|------|------|
| 48   | .375 | .625 |

## GREEN GROUND SCREW

STEEL

| TOPAZ<br>CAT # | UPC#  | SIZE          | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|---------------|-------------|--------------|-------------|
| 48             | 33500 | 10/32" X 3/8" | —           | 100          | 1           |

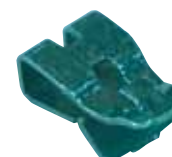


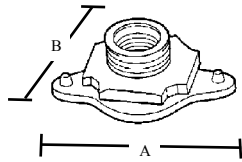
| CAT# | A   | B   |
|------|-----|-----|
| GC99 | .24 | .65 |

## GREEN GROUND CLIP

STEEL

| TOPAZ<br>CAT # | UPC#  | SIZE      | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|-----------|-------------|--------------|-------------|
| GC99           | 20770 | #14 & #12 | 100         | 1000         | 3           |



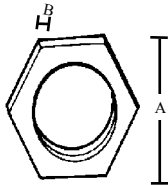


| CAT# | A     | B    |
|------|-------|------|
| 277  | 1.752 | .654 |

## NO BOLT FIXTURE STUD

ZINC DIE CAST

| TOPAZ CAT # | UPC#  | SIZE            | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|-----------------|----------|-----------|----------|
| 277         | 17730 | 1/8" F X 3/8" M | —        | 100       | 3        |

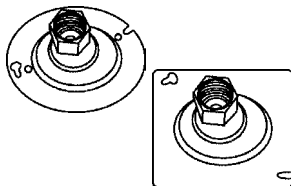


| CAT# | A    | B   |
|------|------|-----|
| 278  | .625 | .20 |
| 279  | .715 | .20 |
| 280  | 1.00 | .22 |

## FIXTURE LOCKNUTS

STEEL

| TOPAZ CAT # | UPC#  | SIZE                | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|---------------------|----------|-----------|----------|
| 278         | 11710 | 1/8"                | 100      | 1000      | 1        |
| 279         | 11720 | 1/4"                | 100      | 1000      | 1        |
| 280         | 12290 | 3/8" SQUARE - HEAVY | —        | 200       | 5        |



| CAT# |                 |
|------|-----------------|
| 33R  | FITS 4" OCTAGON |
| 34S  | FITS 4" SQUARE  |

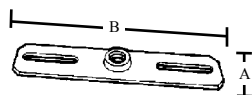
## FLEXIBLE FIXTURE HANGERS

20° SWING FROM VERTICAL

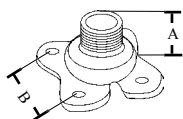
- SUPPORTS WEIGHT 50 LBS.
- BALL TYPE SWIVEL

STEEL

| TOPAZ CAT # | UPC#  | SIZE                | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|---------------------|----------|-----------|----------|
| 33R         | 10071 | 1/2" OR 3/4" ROUND  | —        | 25        | 15       |
| 34S         | 10072 | 1/2" OR 3/4" SQUARE | —        | 25        | 18       |



| CAT# | A    | B    |
|------|------|------|
| 46   | 1.00 | 4.12 |



| CAT# | A    | B    |
|------|------|------|
| 47   | 1.00 | 1.10 |

## FIXTURE HANGER

- WITH GREEN GROUND SCREW
- CROSS BAR FITS ALL STANDARD SWITCH BOXES & 3-1/4" & 4" OUTLET BOXES

STEEL

| TOPAZ CAT # | UPC#  | SIZE        | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|-------------|----------|-----------|----------|
| 46          | 14170 | 1/8" FEMALE | —        | 100       | 4        |

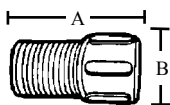


MALLEABLE IRON

| TOPAZ CAT # | UPC#  | SIZE       | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|------------|----------|-----------|----------|
| 47          | 14171 | CROWS FOOT | 25       | 250       | 8        |







| CAT# | A     | B    |
|------|-------|------|
| 190  | 1.000 | .776 |
| 200  | 1.375 | .780 |

## FIXTURE EXTENSIONS

ZINC DIE CAST

| TOPAZ CAT # | UPC#  | SIZE              | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|-------------------|----------|-----------|----------|
| 190         | 11510 | 3/8" M X 1" F     | 100      | 1000      | 50       |
| 200         | 11520 | 3/8" M X 1 3/8" F | 100      | 1000      | 60       |

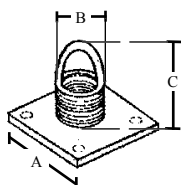


| CAT# | A    | B    |
|------|------|------|
| 71   | 1.27 | 1.12 |

## FIXTURE LOOP

ZINC DIE CAST

| TOPAZ CAT # | UPC#  | SIZE      | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|-----------|----------|-----------|----------|
| 71          | 17440 | 1/2" MALE | 25       | 250       | 15       |



| CAT# | A    | B             | C    |
|------|------|---------------|------|
| 71A  | 1.39 | .57 (Opening) | 1.12 |

## STUD LOOP & HANGER

ZINC DIE CAST

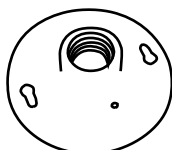
| TOPAZ CAT # | UPC#  | SIZE | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|------|----------|-----------|----------|
| 71A         | 17442 | 1/2" | —        | 100       | 7        |



## LAMP HOLDER

PLASTIC

| TOPAZ CAT # | UPC#  | SIZE        | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|-------------|----------|-----------|----------|
| P2          | 84005 | Medium Base | 1        | 50        | 25       |

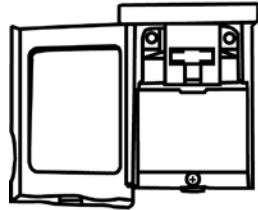
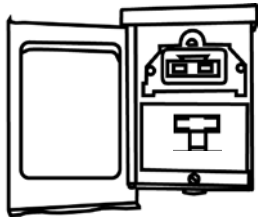


## LAMP HOLDER

PORCELAIN

| TOPAZ CAT # | UPC#  | SIZE        | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|-------------|----------|-----------|----------|
| POR1        | 84006 | Medium Base | 24       | 100       | 10       |





| CAT # | CABINET SIZE |       |       |
|-------|--------------|-------|-------|
|       | H            | W     | D     |
| ACD48 | 6 1/24       | 4 7/8 | 2 3/4 |
| ACD49 | 6 1/2        | 4 7/8 | 2 3/4 |
| ACD50 | 9            | 4 7/8 | 2 3/4 |
| ACD51 | 9            | 4 7/8 | 2 3/4 |
| ACD52 | 10 1/2       | 6 1/2 | 3 3/8 |
| ACD53 | 10 1/2       | 6 1/2 | 3 3/8 |

## AC DISCONNECT

STEEL

| TOPAZ CAT # | UPC#  | SIZE                                        | VOLTAGE | SHIP CASE | WT/ CASE |
|-------------|-------|---------------------------------------------|---------|-----------|----------|
| ACD48       | 33781 | 60 AMP SWITCHABLE                           | 120/240 | 6         | 20       |
| ACD49       | 33773 | 60 AMP NON-FUSED PULLOUT                    | 120/240 | 6         | 20       |
| ACD50       | 33774 | 30 AMP FUSED                                | 120/240 | 6         | 20       |
| ACD51       | 33775 | 60 AMP FUSED                                | 120/240 | 6         | 20       |
| ACD52       | 33776 | 60 AMP NON-FUSED PULLOUT W/15 AMP GFCI RECP | 120/240 | 6         | 30       |
| ACD53       | 33777 | 60 AMP SWITCHABLE W/15 AMP GFCI RECP        | 120/240 | 6         | 30       |



### WIRE RANGE DATA: CONNECTORS

|            | COPPER SOL | STR. |
|------------|------------|------|
| LINE       | 14-10      | 14-3 |
| LOAD       | 14-10      | 14-3 |
| EQUIP.GRD. | 12-10      | 12-4 |

### LUG TIGHTENING TORQUE (lb-in)

| SCREW TYPE | WIRE SIZE | TORQUE |
|------------|-----------|--------|
| SLOTTED    | 14-10     | 32-35  |
|            | 8         | 36-40  |
|            | 6-4       | 41-35  |
|            | 3-2       | 45-50  |

## AC WHIPS

NON-METALLIC

| TOPAZ CAT # | UPC#  | CONNECTORS        | CONDUIT SIZE | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|-------------------|--------------|----------|-----------|----------|
| ACW10       | 33782 | 1/2" ST. 1/2" 90° | 1/2"         | —        | 12PK      | 400      |
| ACW11       | 33783 | 1/2" ST. 1/2" 90° | 1/2"         | —        | 12PK      | 400      |
| ACW12       | 33778 | 3/4" ST. 3/4" 90° | 3/4"         | —        | 12PK      | 400      |
| ACW13       | 33779 | 3/4" ST. 3/4" 90° | 3/4"         | —        | 12PK      | 400      |



WITH ST. & 90° NM CONNECTORS



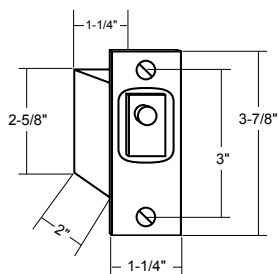
| CAT # | LENGTH | WIRE SIZE | REDUCING WASHER |
|-------|--------|-----------|-----------------|
| ACW10 | 4      | #10       | 1/2 X 3/4       |
| ACW11 | 6      | #10       | 1/2 X 3/4       |
| ACW12 | 4      | #8        | 3/4 X 1         |
| ACW13 | 6      | #8        | 3/4 X 1         |

## MAGNETIC CIRCUIT BREAKER LABELS CBL

| TOPAZ CAT # | UPC#  | PREPRINTED | BLANK | UNIT CTN | SHIP CASE | WT/ CASE |
|-------------|-------|------------|-------|----------|-----------|----------|
| CBL         | 19949 | 42         | 6     | —        | 24        | 1        |

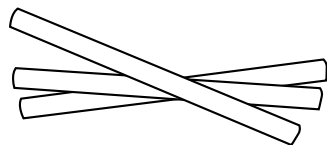
HANGS ON A POINT OF PURCHASE DISPLAY. 12 PER DISPLAY.





## DOOR LIGHT SWITCH

| TOPAZ<br>CAT # | UPC#  | DESCRIPTION | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|-------------|-------------|--------------|-------------|
| SD1            | 84007 | DOOR SWITCH | 1           | 100          | 50          |



## TUBEGUARDS

• WITH END CAPS

| TOPAZ<br>CAT # | UPC#  | DESCRIPTION | UNIT<br>CTN | SHIP<br>CASE | WT/<br>CASE |
|----------------|-------|-------------|-------------|--------------|-------------|
| TGF40T12       | 83651 | 4' T12      | 24          | 24           | 6           |
| TGF96T12       | 83652 | 8' T12      | 24          | 24           | 12          |
| TGFP28T5       | 85145 | 4' T5 CLEAR | 125         | 125          | 18          |
| TGF032T8       | 83653 | 4' T8       | 24          | 24           | 10          |
| TGF096T8       | 83654 | 8' T8       | 24          | 24           | 12          |
| TGENDCAPS12    | 83655 | T12 BLACK   | 48          | 48           | 35          |
| TGENDCAPS5     | 85146 | T5 BLACK    | 50          | 50           | 1           |
| TGENDCAPS8     | 83656 | T8 BLACK    | 48          | 48           | 35          |

Colors Available: Amber, Blue, Pink, Green, Red. End caps are made of high heat polypropylene and are included in each carton of tubes.

