

CSA, ULI

RIGID PVC CONDUIT FITTINGS - KRALOY

ISSUE DATE:  
DATE D'EMISSION: 2004 05 15

TYPE "C" ACCESS FITTINGS

SUPERCEDES:  
REPLACE: 2001 06 30

2



| PRODUCT CODE | PART NUMBER | NOMINAL SIZE |      | C     |      | F      |      | I     |      | K     |      |
|--------------|-------------|--------------|------|-------|------|--------|------|-------|------|-------|------|
|              |             | (in)         | (mm) | (in)  | (mm) | (in)   | (mm) | (in)  | (mm) | (in)  | (mm) |
| 078116       | C05         | 1/2          | 16   | 1.312 | 33   | 4.843  | 123  | 1.500 | 38   | 0.883 | 22   |
| 078117       | C07         | 3/4          | 21   | 1.500 | 38   | 5.640  | 143  | 1.625 | 41   | 0.920 | 23   |
| 078118       | C10         | 1            | 27   | 1.750 | 44   | 6.743  | 171  | 2.010 | 51   | 1.188 | 30   |
| 078119       | C12         | 1 1/4        | 35   | 2.450 | 62   | 8.409  | 214  | 2.510 | 64   | 1.359 | 35   |
| 078120       | C15         | 1 1/2        | 41   | 2.468 | 63   | 8.839  | 225  | 2.520 | 64   | 1.360 | 35   |
| 078121       | C20         | 2            | 53   | 3.190 | 81   | 10.880 | 276  | 4.535 | 115  | 1.970 | 50   |
| 078122       | C25         | 2 1/2        | 63   | 4.500 | 114  | 14.600 | 371  | 6.240 | 158  | 2.610 | 66   |
| 078123       | C30         | 3            | 78   | 4.500 | 114  | 14.600 | 371  | 6.240 | 158  | 2.610 | 66   |
| 078124       | C35         | 3 1/2        | 91   | 5.540 | 140  | 17.070 | 434  | 7.500 | 190  | 2.975 | 75   |
| 078125       | C40         | 4            | 103  | 5.540 | 140  | 17.070 | 434  | 7.500 | 190  | 2.975 | 75   |
| 178148*      | C10         | 1            | 27   | 1.750 | 44   | 6.743  | 171  | 2.010 | 51   | 1.188 | 30   |

| PRODUCT CODE | PART NUMBER | NOMINAL SIZE |      | FILL VOLUME |         | INSERT CODE | SCREW CODE | REDUCER CODE | COVER CODE | GASKET CODE |
|--------------|-------------|--------------|------|-------------|---------|-------------|------------|--------------|------------|-------------|
|              |             | (in)         | (mm) | (cu.in)     | (cu.cm) |             |            |              |            |             |
| 078116       | C05         | 1/2          | 16   | 4.1         | 67.2    |             | 072563     |              | 093106     | 072421      |
| 078117       | C07         | 3/4          | 21   | 7.5         | 123.0   |             | 072564     |              | 093107     | 072422      |
| 078118       | C10         | 1            | 27   | 13.0        | 213.2   |             | 072564     |              | 093108     | 072735      |
| 078119       | C12         | 1 1/4        | 35   | 26.5        | 434.6   |             | 072564     |              | 093109     | 072736      |
| 078120       | C15         | 1 1/2        | 41   | 38.9        | 638.0   |             | 072564     |              | 093110     | 072736      |
| 078121       | C20         | 2            | 53   | 70.8        | 1161.2  |             | 072412     |              | 097966     | 097955      |
| 078122       | C25         | 2 1/2        | 63   | 178.0       | 2919.2  | 072419      | 072420     | 097558       | 097957     | 097961      |
| 078123       | C30         | 3            | 78   | 178.0       | 2919.2  | 072419      | 072420     |              | 097957     | 097961      |
| 078124       | C35         | 3 1/2        | 91   | 338.4       | 5549.8  | 072419      | 072420     | 097991       | 097959     | 097963      |
| 078125       | C40         | 4            | 103  | 338.4       | 5549.8  | 072419      | 072420     |              | 097959     | 097963      |
| 178148*      | C10         | 1            | 27   | 13.0        | 213.2   |             | 072564     |              | 093108     | 072735      |

\* Bulk Packed for Pacific Circle

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2

MAXIMUM WIRE FILL

| <b>1/2" + 3/4" + 1"</b><br><b>(12 + 21 + 27)</b>   |          | <b>1 1/4"</b><br><b>(35)</b> | <b>1 1/2"</b><br><b>(41)</b> | <b>2"</b><br><b>(53)</b> | <b>2 1/2"</b><br><b>(63)</b> | <b>3"</b><br><b>(78)</b> | <b>3 1/2"</b><br><b>(91)</b> | <b>4"</b><br><b>(103)</b> |
|--|----------|------------------------------|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|---------------------------|
| MAX. WIRE FILL<br>#6 AWG CONDUCTORS<br>OR SMALLER<br>FOR1":<br>PULLING COMPOUND<br>REQUIRED FOR #4 AWG | <b>U</b> | 4.980"<br>(126.5)            | 6.060"<br>(153.9)            | 7.530"<br>(191.3)        | 10.200"<br>(259.1)           | 10.200"<br>(259.1)       | 10.200"<br>(259.1)           | 10.200"<br>(259.1)        |
|  | <b>M</b> | #3                           | #1 /0                        | #2 /0                    | #250                         | #250                     | #250                         | #250                      |
|  | <b>D</b> | 5.375"<br>(136.5)            | 6.125"<br>(155.6)            | 8.125"<br>(206.4)        | 10.500"<br>(266.7)           | 10.441"<br>(265.2)       | 11.875"<br>(301.6)           | 11.875"<br>(301.6)        |

U UL514 INVESTIGATION OF CONDUIT BODIES FOR THREE CONDUCTOR INSTALLATION WITH NO INVESTIGATION

M MAXIMUM WIRE FILL MARKED ON CONDUIT BODY

D DISTANCE BETWEEN HUBS ON CONDUIT BODY

Filename: KRALOY-04.doc  
Directory: \\Bersrvbdc\bergen\QC MANUAL  
Template: C:\Documents and Settings\joelau\Application  
Data\Microsoft\Templates\Normal.dot  
Title: SOCKET DIMENSION  
Subject:  
Author: joe lau  
Keywords:  
Comments:  
Creation Date: 12/22/2000 9:02 AM  
Change Number: 8  
Last Saved On: 5/9/2004 11:29 AM  
Last Saved By: Joe Lau  
Total Editing Time: 16 Minutes  
Last Printed On: 8/8/2005 12:38 PM  
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|--------------|-------------|--------------|------|-------|------|--------|------|-------|------|-------|------|
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|  | <b>M</b> | #3                           | #1 /0                        | #2 /0                    | #250                         | #250                     | #250                         | #250                      |
|  | <b>D</b> | 5.375"<br>(136.5)            | 6.125"<br>(155.6)            | 8.125"<br>(206.4)        | 10.500"<br>(266.7)           | 10.441"<br>(265.2)       | 11.875"<br>(301.6)           | 11.875"<br>(301.6)        |

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Template: C:\Documents and Settings\joelau\Application  
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Author: joe lau  
Keywords:  
Comments:  
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Last Saved On: 5/9/2004 11:29 AM  
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