

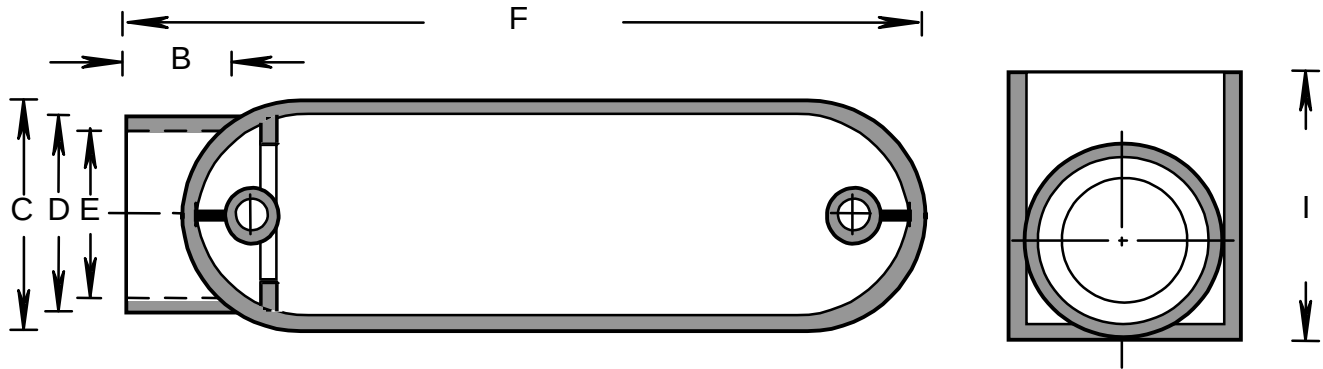
# RIGID PVC CONDUIT FITTINGS

## TYPE "E" ACCESS FITTINGS

**ISSUE DATE:**  
**DATE D'EMISSION:** 2014 07 23

**SUPERCEDES:**  
**REPLACE:** 2002 12 05

3



| PRODUCT<br>CODE | PART<br>NUMBER | NOMINAL SIZE |      | C     |       | D     |       | E     |       |
|-----------------|----------------|--------------|------|-------|-------|-------|-------|-------|-------|
|                 |                | (in)         | (mm) | (in)  | (mm)  | (in)  | (mm)  | (in)  | (mm)  |
| 077561          | SE10S          | 1/2          | 16   | 1.270 | 32.3  | 1.100 | 27.9  | 0.840 | 21.3  |
| 077562          | SE20S          | 3/4          | 21   | 1.540 | 39.1  | 1.325 | 33.7  | 1.050 | 26.7  |
| 077563          | SE30S          | 1            | 27   | 1.700 | 43.2  | 1.600 | 40.6  | 1.335 | 33.9  |
| 077564          | SE40S          | 1 1/4        | 35   | 2.300 | 58.4  | 2.250 | 57.2  | 1.660 | 42.2  |
| 077565          | SE50S          | 1 1/2        | 41   | 2.675 | 67.9  | 2.250 | 57.2  | 1.900 | 48.3  |
| 077566          | SE60S          | 2            | 53   | 3.190 | 81.0  | 2.820 | 71.6  | 2.375 | 60.3  |
| 077567          | SE70S          | 2 1/2        | 63   | 4.500 | 114.3 | 3.950 | 100.3 | 2.870 | 72.9  |
| 077568          | SE80S          | 3            | 78   | 4.500 | 114.3 | 3.950 | 100.3 | 3.510 | 89.2  |
| 077569          | SE90S          | 3 1/2        | 91   | 5.540 | 140.7 | 5.000 | 127.0 | 4.000 | 101.6 |
| 077570          | SE100S         | 4            | 103  | 5.540 | 140.7 | 5.000 | 127.0 | 4.530 | 115.1 |

| PRODUCT<br>CODE | PART<br>NUMBER | NOMINAL SIZE |      | F      |       | I     |       | WALL THICK.* |      |
|-----------------|----------------|--------------|------|--------|-------|-------|-------|--------------|------|
|                 |                | (in)         | (mm) | (in)   | (mm)  | (in)  | (mm)  | (in)         | (mm) |
| 077561          | SE10S          | 1/2          | 16   | 4.340  | 110.2 | 2.490 | 63.2  | 0.125        | 3.2  |
| 077562          | SE20S          | 3/4          | 21   | 5.395  | 137.0 | 2.490 | 63.2  | 0.125        | 3.2  |
| 077563          | SE30S          | 1            | 27   | 6.250  | 158.8 | 2.075 | 52.7  | 0.125        | 3.2  |
| 077564          | SE40S          | 1 1/4        | 35   | 7.625  | 193.7 | 3.575 | 90.8  | 0.156        | 4.0  |
| 077565          | SE50S          | 1 1/2        | 41   | 8.250  | 209.6 | 3.940 | 100.1 | 0.156        | 4.0  |
| 077566          | SE60S          | 2            | 53   | 10.530 | 267.5 | 4.535 | 115.2 | 0.203        | 5.2  |
| 077567          | SE70S          | 2 1/2        | 63   | 13.630 | 346.2 | 6.240 | 158.5 | 0.235        | 6.0  |
| 077568          | SE80S          | 3            | 78   | 13.630 | 346.2 | 6.240 | 158.5 | 0.235        | 6.0  |
| 077569          | SE90S          | 3 1/2        | 91   | 16.000 | 406.4 | 7.500 | 190.5 | 0.240        | 6.1  |
| 077570          | SE100S         | 4            | 103  | 16.000 | 406.4 | 7.500 | 190.5 | 0.240        | 6.1  |

\* WALL THICKNESS MEASURED AT 1/4" FROM TOP OF CONDUIT BODY

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| PRODUCT<br>CODE | PART<br>NUMBER | NOMINAL SIZE |      | FILL VOLUME |         | INSERT<br>CODE | SCREW<br>CODE | REDUCER<br>CODE | COVER<br>CODE | GASKET<br>CODE |
|-----------------|----------------|--------------|------|-------------|---------|----------------|---------------|-----------------|---------------|----------------|
|                 |                | (in)         | (mm) | (cu.in)     | (cu.cm) |                |               |                 |               |                |
| 077561          | SE10S          | 1/2          | 16   | 4.2         | 68.9    | 072537         | 072521        |                 |               | 097950         |
| 077562          | SE20S          | 3/4          | 21   | 7.6         | 124.6   | 072538         | 072522        |                 |               | 097951         |
| 077563          | SE30S          | 1            | 27   | 13.1        | 214.8   | 072538         | 072522        |                 |               | 097952         |
| 077564          | SE40S          | 1 1/4        | 35   | 26.6        | 436.2   | 072538         | 072522        |                 |               | 097953         |
| 077565          | SE50S          | 1 1/2        | 41   | 39.0        | 639.6   | 072538         | 072522        |                 | 097965        | 097954         |
| 077566          | SE60S          | 2            | 53   | 70.9        | 1162.8  | 072538         | 072522        |                 | 097966        | 097955         |
| 077567          | SE70S          | 2 1/2        | 63   | 181.5       | 2976.6  | 072549         | 072516        | 097558          | 097957        | 097961         |
| 077568          | SE80S          | 3            | 78   | 178.2       | 2922.5  | 072549         | 072516        |                 | 097957        | 097961         |
| 077569          | SE90S          | 3 1/2        | 91   | 338.6       | 5553.0  | 072549         | 072516        | 097991          | 097959        | 097963         |
| 077570          | SE100S         | 4            | 103  | 338.6       | 5553.0  | 072549         | 072516        |                 | 097959        | 097963         |

### MAXIMUM WIRE FILL

| 1/2" + 3/4" + 1"<br>(12 + 21 + 27)                |   | 1 1/4"<br>(35)    | 1 1/2"<br>(41)    | 2"<br>(53)        | 2 1/2"<br>(63)     | 3"<br>(78)         | 3 1/2"<br>(91)     | 4"<br>(103)        |
|---------------------------------------------------|---|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| MAX. WIRE FILL<br>#6 AWG CONDUCTORS<br>OR SMALLER | U | 5.440"<br>(138.2) | 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) |
|                                                   | M | #2                | #1 /0             | #2 /0             | #250               | #250               | #250               | #250               |
|                                                   | D | 5.441"<br>(138.2) | 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

