

| | Epoxy Fiberglass | PVC Sch 40 | PVC Sch 80 | Galvanized Rigid Steel | PVC Coated Steel | Aluminum |
|--|---|--|---|--|---|---|
| <p>Coefficient of Friction Using PVC Jacketed Cable Fiberglass conduit offers one of the lowest coefficient of friction available today for conduit systems. It is completely resistant to any of the current pulling lubricants corrosive properties.</p> | 0.38 | 0.90 | 0.90 | 0.55 | 0.55 | 0.25 |
| <p>Conductivity Fiberglass conduit acts as an excellent insulator.</p> | No | No | No | Yes | Yes | Yes |
| <p>UV Stable (Sunlight Resistance) (Per UL 2515 & CSA C22.2 No. 211.3-96)</p> | Good | Poor | Poor | Excellent | Poor | Excellent |
| <p>Coefficient of Thermal Expansion (10-5 inch/inch/°F) *The coefficient is .7 for the steel and 3.5 for the PVC layer. Because of the broad difference between the two materials, adhesion is severely affected during temperature contraction and expansion.</p> | 1.0 | 3.5 | 3.5 | 0.7 | 3.5/0.7* | 3.5 |
| <p>Distance Between Expansion Joints (ft)</p> | 200 | 50 | 50 | 200 | 200 | 50 |
| <p>NECA Labor Installation Rates (Normal installation per/100 ft) (REF: 2013-2014 NECA Manual of Labor Units)</p> | <p>¾"</p> <p>1"</p> <p>1¼"</p> <p>1½"</p> <p>2"</p> <p>2½"</p> <p>3"</p> <p>3½"</p> <p>4"</p> <p>5"</p> <p>6"</p> | <p>4.50</p> <p>5.25</p> <p>6.00</p> <p>7.00</p> <p>8.00</p> <p>9.00</p> <p>10.00</p> <p>12.00</p> <p>14.00</p> <p>18.00</p> <p>24.00</p> | <p>5.40</p> <p>6.30</p> <p>7.20</p> <p>8.40</p> <p>9.60</p> <p>10.80</p> <p>12.00</p> <p>N/A</p> <p>16.80</p> <p>21.60</p> <p>28.80</p> | <p>6.00</p> <p>7.00</p> <p>8.00</p> <p>9.00</p> <p>11.00</p> <p>15.00</p> <p>20.00</p> <p>25.00</p> <p>30.00</p> <p>38.00</p> <p>48.00</p> | <p>8.00</p> <p>10.00</p> <p>12.00</p> <p>15.00</p> <p>18.00</p> <p>21.00</p> <p>26.00</p> <p>32.00</p> <p>38.00</p> <p>45.00</p> <p>60.00</p> | <p>5.50</p> <p>6.00</p> <p>6.50</p> <p>7.00</p> <p>8.00</p> <p>10.00</p> <p>12.00</p> <p>15.00</p> <p>19.00</p> <p>24.00</p> <p>30.00</p> |
| <p>Field Handling Due to its light weight, ease of cutting and integral bell, fiberglass conduit is very easy to install.</p> | Excellent | Good | Good | Very Poor | Very Poor | Poor |
| <p>Memory Fiberglass conduit will retain its original shape after impact or compression.</p> | Yes | No | No | No | No | No |