

**electri-flex**

**liquatite®**

# Type VJC

*Vacuum jacketed non-UL steel conduit for high-flex installations.*



## Construction:

### Inner Core:

- Corrosion-resistant Plated Steel
- 3/8" – 3" Squarelock Profile

### Liquidtight Jacket:

- Vacuum Jacketed Flexible PVC
- Resistant to **Oils and Mild Acids**

## Application:

- Tight Bends
- Dynamic Flexing
- Compatible with standard liquidtight connectors

## Markets:

Machine Tool (OEM), Robotics, Security

## Product Information

### CERTIFICATIONS & COMPLIANCE



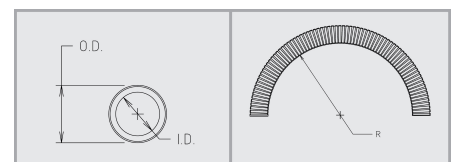
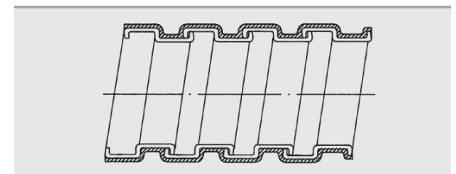
**WEEE AND RoHS Compliant**

### STANDARD COLORS

Black

### WORKING TEMPERATURES

-20°C to 80°C



# Product Table

| US Trade Size | ISO (MM) | CSA (MM) | Type   | Internal Diameter |          | Outside Diameter |          | Inside Bend Radius |              | Weight (Kgs) per 30 meters | Standard Length |                |
|---------------|----------|----------|--------|-------------------|----------|------------------|----------|--------------------|--------------|----------------------------|-----------------|----------------|
|               |          |          |        | Min (MM)          | Max (MM) | Min (MM)         | Max (MM) | Static (MM)        | Dynamic (MM) |                            | Carton (Mtrs)   | Part # (Black) |
| 3/8"          | 16       | 12       | VJC-10 | 12.5              | 13.1     | 16.7             | 17.3     | 25                 | 127          | 2                          | 30              | 89201          |
| 1/2"          | 20       | 16       | VJC-11 | 15.8              | 16.4     | 20.3             | 20.9     | 25                 | 152          | 3                          | 30              | 89211          |
| 3/4"          | 25       | 21       | VJC-12 | 20.7              | 21.3     | 25.3             | 25.9     | 51                 | 203          | 4                          | 30              | 89221          |
| 1"            | 32       | 27       | VJC-13 | 26.5              | 27.1     | 31.5             | 32.1     | 76                 | 254          | 6                          | 30              | 89232          |
| 1 1/4"        | 40       | 35       | VJC-14 | 35.0              | 35.6     | 41.7             | 42.5     | 76                 | 305          | 8                          | 15              | 89242          |
| 1 1/2"        | 50       | 41       | VJC-15 | 40.0              | 40.6     | 47.0             | 48.0     | 89                 | 356          | 12                         | 15              | 89252          |
| 2"            | 63       | 53       | VJC-16 | 51.0              | 51.6     | 58.6             | 59.6     | 102                | 406          | 15                         | 15              | 89262          |
| 3"            | 80       | 78       | VJC-18 | 78.0              | 78.6     | 87.0             | 88.0     | 165                | 635          | 30                         | 8               | 89282          |

## related products



### TYPE SL

This non-UL, extra-flexible product, available in the smaller diameters, is designed for tight-spot installation and where continuous flexing is required of a steel wound hose.

[see product detail »](#)



### Type CL

CL is a nonmetallic UL Recognized nylon corrugated Mechanical Protection Tubing (MPT) designed for the support and routing of conductors and cables. It is used as a UL / CSA component within OEM equipment.

[see product detail »](#)



### Type LNMP



### Type NM2

This UL and CSA listed nonmetallic liquidtight conduit is ideally suited for continuous flexing situations. It is often specified in "Power Track" or cable carrier installations and on industrial robots. It does not contain a metal core which could fatigue from repeated flexing or vibration.

[see product detail »](#)

Type NM2 is an extra-flexible liquidtight nonmetallic tubing. This lightweight tubing cuts easily and installs quickly. It is ideal for wiring protection in tight quarters and for tight bends. The thin, flexible PVC skin allows for greater movement than Listed nonmetallic conduits.

[see product detail »](#)