

## RATINGS / APPROVALS

150°C - 300 Volts - UL Style 1333 / CSA AWM I A/B FT1  
150°C - 600 Volts - UL Style 1331 / CSA AWM I A/B FT1  
VW-I Rated  
RoHS Compliant

## CONSTRUCTION

### Conductors

24 AWG - 10 AWG (300V)  
24 AWG - 4/0 AWG (600V)  
Stranded Tinned Copper

### Insulating System

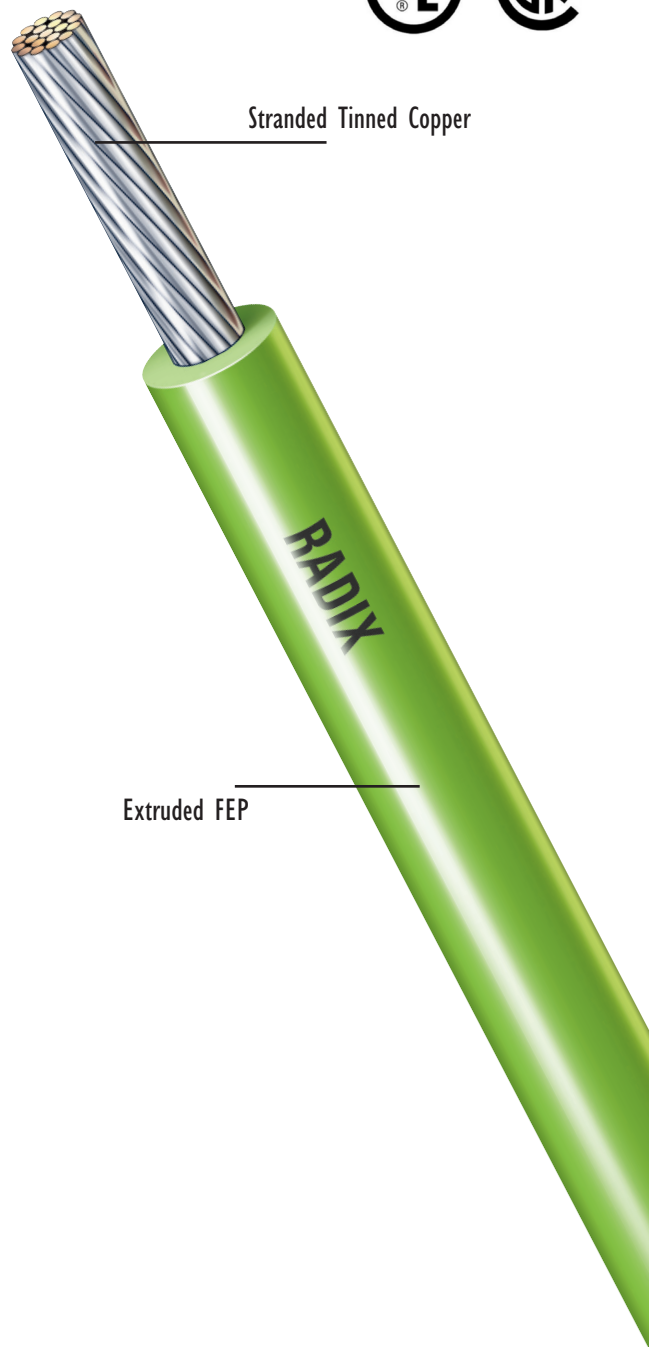
Extruded Fluorinated Ethylene Propylene (FEP)

### Standard Color Coding

Available in Colors

## CHARACTERISTICS

- Outstanding chemical and fluid resistance.
- Easily stripped and terminated.
- Heat aging and ozone resistant.
- Mechanical toughness and low coefficient of friction allows "pull" installation of long wire lengths.
- Smaller outside diameter than equivalent silicone rubber products.



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## SPECIFICATIONS

## FEP 150C/300V

| Part No.  | Temp Rating | Voltage Rating | Awg. Size | # Strands | Final O.D. (in) | Final O.D. (mm) | Wgt. (lbs/ Mft) | Wgt. (kg/ km) | Min. Bend Radius (in) | UL   | CSA            |
|-----------|-------------|----------------|-----------|-----------|-----------------|-----------------|-----------------|---------------|-----------------------|------|----------------|
| FBA24T007 | 150C        | 300V           | 24        | 7         | 0.051           | 1.30            | 2.80            | 4.17          | 0.41                  | 1333 | AWM I A/B FT I |
| FBA22T007 | 150C        | 300V           | 22        | 7         | 0.057           | 1.45            | 3.79            | 5.64          | 0.46                  | 1333 | AWM I A/B FT I |
| FBA20T007 | 150C        | 300V           | 20        | 7         | 0.064           | 1.63            | 5.27            | 7.84          | 0.51                  | 1333 | AWM I A/B FT I |
| FBA18T016 | 150C        | 300V           | 18        | 16        | 0.073           | 1.85            | 7.50            | 11.16         | 0.58                  | 1333 | AWM I A/B FT I |
| FBA16T026 | 150C        | 300V           | 16        | 26        | 0.083           | 2.11            | 10.90           | 16.22         | 0.66                  | 1333 | AWM I A/B FT I |
| FBA14T041 | 150C        | 300V           | 14        | 41        | 0.098           | 2.49            | 16.16           | 24.05         | 0.78                  | 1333 | AWM I A/B FT I |
| FBA12T065 | 150C        | 300V           | 12        | 65        | 0.115           | 2.92            | 24.44           | 36.37         | 0.92                  | 1333 | AWM I A/B FT I |
| FBA10T105 | 150C        | 300V           | 10        | 105       | 0.138           | 3.51            | 37.61           | 55.97         | 1.10                  | 1333 | AWM I A/B FT I |

## FEP 150C/600V

| Part No.  | Temp Rating | Voltage Rating | Awg. Size | # Strands | Final O.D. (in) | Final O.D. (mm) | Wgt. (lbs/ Mft) | Wgt. (kg/ km) | Min. Bend Radius (in) | UL   | CSA            |
|-----------|-------------|----------------|-----------|-----------|-----------------|-----------------|-----------------|---------------|-----------------------|------|----------------|
| FDA24T007 | 150C        | 600V           | 24        | 7         | 0.065           | 1.65            | 4.02            | 5.98          | 0.52                  | 1331 | AWM I A/B FT I |
| FDA22T007 | 150C        | 600V           | 22        | 7         | 0.071           | 1.80            | 5.13            | 7.63          | 0.57                  | 1331 | AWM I A/B FT I |
| FDA20T007 | 150C        | 600V           | 20        | 7         | 0.078           | 1.98            | 6.78            | 10.09         | 0.62                  | 1331 | AWM I A/B FT I |
| FDA18T016 | 150C        | 600V           | 18        | 16        | 0.087           | 2.21            | 9.18            | 13.66         | 0.70                  | 1331 | AWM I A/B FT I |
| FDA16T026 | 150C        | 600V           | 16        | 26        | 0.097           | 2.46            | 12.80           | 19.05         | 0.78                  | 1331 | AWM I A/B FT I |
| FDA14T041 | 150C        | 600V           | 14        | 41        | 0.112           | 2.84            | 18.49           | 27.52         | 0.90                  | 1331 | AWM I A/B FT I |
| FDA12T065 | 150C        | 600V           | 12        | 65        | 0.129           | 3.28            | 27.20           | 40.48         | 1.03                  | 1331 | AWM I A/B FT I |
| FDA10T105 | 150C        | 600V           | 10        | 105       | 0.152           | 3.86            | 40.57           | 60.38         | 1.22                  | 1331 | AWM I A/B FT I |
| FDA08T133 | 150C        | 600V           | 8         | 133       | 0.222           | 5.64            | 69.91           | 104.04        | 1.78                  | 1331 | AWM I A/B FT I |
| FDA06T133 | 150C        | 600V           | 6         | 133       | 0.266           | 6.75            | 104.68          | 155.80        | 2.13                  | 1331 | AWM I A/B FT I |
| FDA04T133 | 150C        | 600V           | 4         | 133       | 0.322           | 8.18            | 158.83          | 236.37        | 2.58                  | 1331 | AWM I A/B FT I |
| FDA02T377 | 150C        | 600V           | 2         | 259       | 0.390           | 9.89            | 243.86          | 362.92        | 3.12                  | 1331 | AWM I A/B FT I |
| FDA01T377 | 150C        | 600V           | 1         | 259       | 0.461           | 11.72           | 323.99          | 482.17        | 3.69                  | 1331 | AWM I A/B FT I |
| FDAX1T377 | 150C        | 600V           | 1/0       | 259       | 0.506           | 12.86           | 399.81          | 595.01        | 4.05                  | 1331 | AWM I A/B FT I |
| FDAX2T377 | 150C        | 600V           | 2/0       | 259       | 0.559           | 14.20           | 494.83          | 736.42        | 4.47                  | 1331 | AWM I A/B FT I |
| FDAX3T377 | 150C        | 600V           | 3/0       | 259       | 0.619           | 15.71           | 612.89          | 912.12        | 4.95                  | 1331 | AWM I A/B FT I |
| FDAX4T377 | 150C        | 600V           | 4/0       | 259       | 0.686           | 17.43           | 761.29          | 1132.98       | 5.49                  | 1331 | AWM I A/B FT I |

Standard conductor: Stranded Tinned Copper

Consult factory for alternative conductor and stranding options.

All dimensions listed above are nominal

Compliance: UL Listed File No. E22244. CSA Certified File No. LL13427 or LL80670

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