

200C/300V and 200C/600V

# FEP 200

## HIGH-TEMPERATURE LEAD WIRE

### RATINGS / APPROVALS

200°C - 300 Volts - UL Style 1332 / CSA 180°C AWM I A/B FTI

200°C - 600 Volts - UL Style 1330 / CSA 180°C AWM I A/B FTI

RoHS Compliant

Passes UL VW-I Flame Test

### CONSTRUCTION

#### Conductors

24 AWG - 2/0 AWG

Stranded tinned copper or nickel-plated copper  
(Other conductor materials available)

#### Insulating System

Extruded Fluorinated Ethylene Propylene (FEP)

#### Standard Color Coding

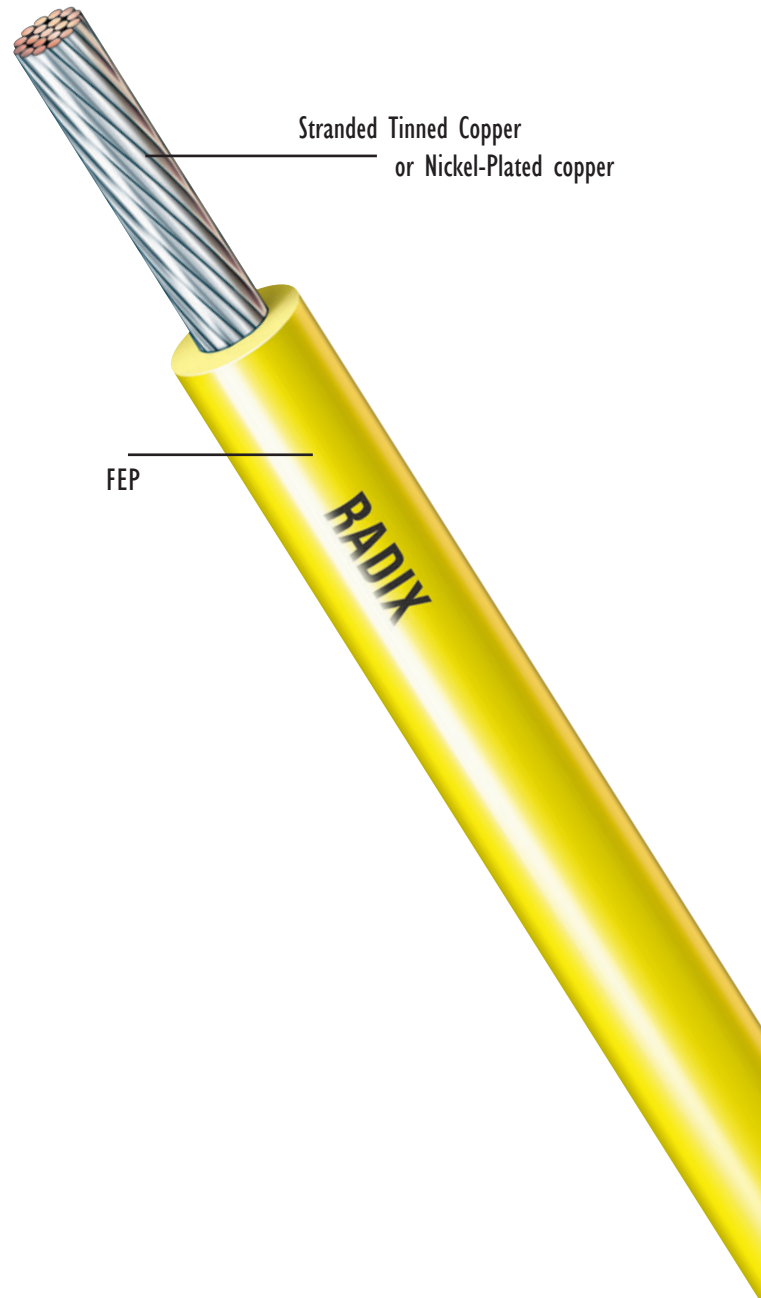
Available in Colors

### CHARACTERISTICS

- Outstanding chemical and fluid resistance.
- Easily stripped and terminated.
- Heat age 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.

150°C version with flexible stranded conductor

(UL Styles 1333 and 1331) are available. (consult factory)



**Radix™**

Radix Wire

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# SPECIFICATIONS

# FEP 200 HIGH-TEMPERATURE LEAD WIRE

## FEP 200C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	Min. Bend Radius (in)	UL	CSA 180C
FFA24P007	24	7	0.052	1.32	3	4.41	0.42	1332	AWM I A/B FT I
FFA22P007	22	7	0.058	1.47	4	6.07	0.46	1332	AWM I A/B FT I
FFA20P007	20	7	0.065	1.65	5	7.99	0.52	1332	AWM I A/B FT I
FFA18T007	18	7	0.074	1.88	8	11.19	0.59	1332	AWM I A/B FT I
FFA16T007	16	7	0.086	2.18	11	16.34	0.69	1332	AWM I A/B FT I
FFA14T007	14	7	0.099	2.51	15	23.04	0.79	1332	AWM I A/B FT I
FFA12T019	12	19	0.116	2.95	24	36.42	0.93	1332	AWM I A/B FT I
FFA10T019	10	19	0.139	3.53	37	55.57	1.11	1332	AWM I A/B FT I

## FEP 200C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	Min. Bend Radius (in)	UL	CSA 180C
FHA24P007	24	7	0.066	1.68	4	6.24	0.53	1330	AWM I A/B FT I
FHA22P007	22	7	0.072	1.83	5	8.11	0.58	1330	AWM I A/B FT I
FHA20P007	20	7	0.079	2.01	7	10.24	0.63	1330	AWM I A/B FT I
FHA18T007	18	7	0.088	2.24	9	13.72	0.70	1330	AWM I A/B FT I
FHA16T007	16	7	0.100	2.54	13	19.26	0.80	1330	AWM I A/B FT I
FHA14T007	14	7	0.113	2.87	18	26.54	0.90	1330	AWM I A/B FT I
FHA12T019	12	19	0.130	3.30	27	40.27	1.04	1330	AWM I A/B FT I
FHA10T019	10	19	0.153	3.89	40	60.15	1.22	1330	AWM I A/B FT I
FHA08T061	8	61	0.202	5.13	69	102.36	1.62	1330	AWM I A/B FT I
FHA06T084	6	84	0.273	6.93	105	156.80	2.18	1330	AWM I A/B FT I
FHA04T133	4	133	0.322	8.18	159	236.38	2.58	1330	AWM I A/B FT I
FHA02T377	2	259	0.390	9.91	244	362.92	3.12	1330	AWM I A/B FT I
FHA01T377	1	259	0.461	11.71	324	482.17	3.69	1330	AWM I A/B FT I
FHAX1T377	1/0	259	0.506	12.85	400	595.01	4.05	1330	AWM I A/B FT I
FHAX2T377	2/0	259	0.559	14.20	494	735.89	4.47	1330	AWM I A/B FT I

Standard conductor: Tinned Copper (Standard conductor for 20-22 AWG ONLY: Nickel Plated Copper - 2%)  
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  
Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire is not responsible for any claim traceable to such error.



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