

## RATINGS / APPROVALS

200°C – 300 Volts - UL Style I332 / CSA 180°C AWM I A/B FTI

200°C – 600 Volts - UL Style I330 / CSA 180°C AWM I A/B FTI

RoHS Compliant

## 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 I333, and I331) are available. (consult factory)



**Radix™**

## FEP 200C/300V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA 180C
FFA24P007	24	7	0.052	1.32	2.96	4.40	I332	AWM I A/B FT I
FFA22P007	22	7	0.058	1.47	3.90	5.80	I332	AWM I A/B FT I
FFA20P007	20	7	0.064	1.63	5.15	7.66	I332	AWM I A/B FT I
FFA18T007	18	7	0.074	1.88	7.46	11.10	I332	AWM I A/B FT I
FFA16T007	16	7	0.086	2.18	10.95	16.29	I332	AWM I A/B FT I
FFA14T007	14	7	0.101	2.57	16.27	24.21	I332	AWM I A/B FT I
FFA12T019	12	19	0.119	3.02	24.30	36.16	I332	AWM I A/B FT I
FFA10T019	10	19	0.142	3.61	37.45	55.73	I332	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	UL	CSA 180C
FHA24P007	24	7	0.066	1.68	4.17	6.20	I330	AWM I A/B FT I
FHA22P007	22	7	0.072	1.83	5.24	7.79	I330	AWM I A/B FT I
FHA20P007	20	7	0.078	1.98	6.61	9.83	I330	AWM I A/B FT I
FHA18T007	18	7	0.087	2.21	9.06	13.48	I330	AWM I A/B FT I
FHA16T007	16	7	0.100	2.54	12.86	19.13	I330	AWM I A/B FT I
FHA14T007	14	7	0.115	2.92	18.48	27.50	I330	AWM I A/B FT I
FHA12T019	12	19	0.132	3.35	27.03	40.22	I330	AWM I A/B FT I
FHA10T019	10	19	0.156	3.96	40.40	60.12	I330	AWM I A/B FT I
FHA08T061	8	61	0.202	5.13	68.31	101.66	I330	AWM I A/B FT I
FHA06T084	6	84	0.273	6.93	104.71	155.83	I330	AWM I A/B FT I
FHA04T133	4	133	0.316	8.03	157.27	234.05	I330	AWM I A/B FT I
FHA02T259	2	259	0.387	9.83	242.63	361.08	I330	AWM I A/B FT I
FHA01T259	1	259	0.451	11.45	319.48	475.46	I330	AWM I A/B FT I
FHAX1T259	1/0	259	0.518	13.05	397.20	591.12	I330	AWM I A/B FT I
FHAX2T259	2/0	259	0.554	14.08	489.48	728.46	I330	AWM I A/B FT I

Standard conductor: Tinned Copper (Standard conductor for 20-22 AWG ONLY: Nickel Plated Copper-2%)  
Consult factory for alternate 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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