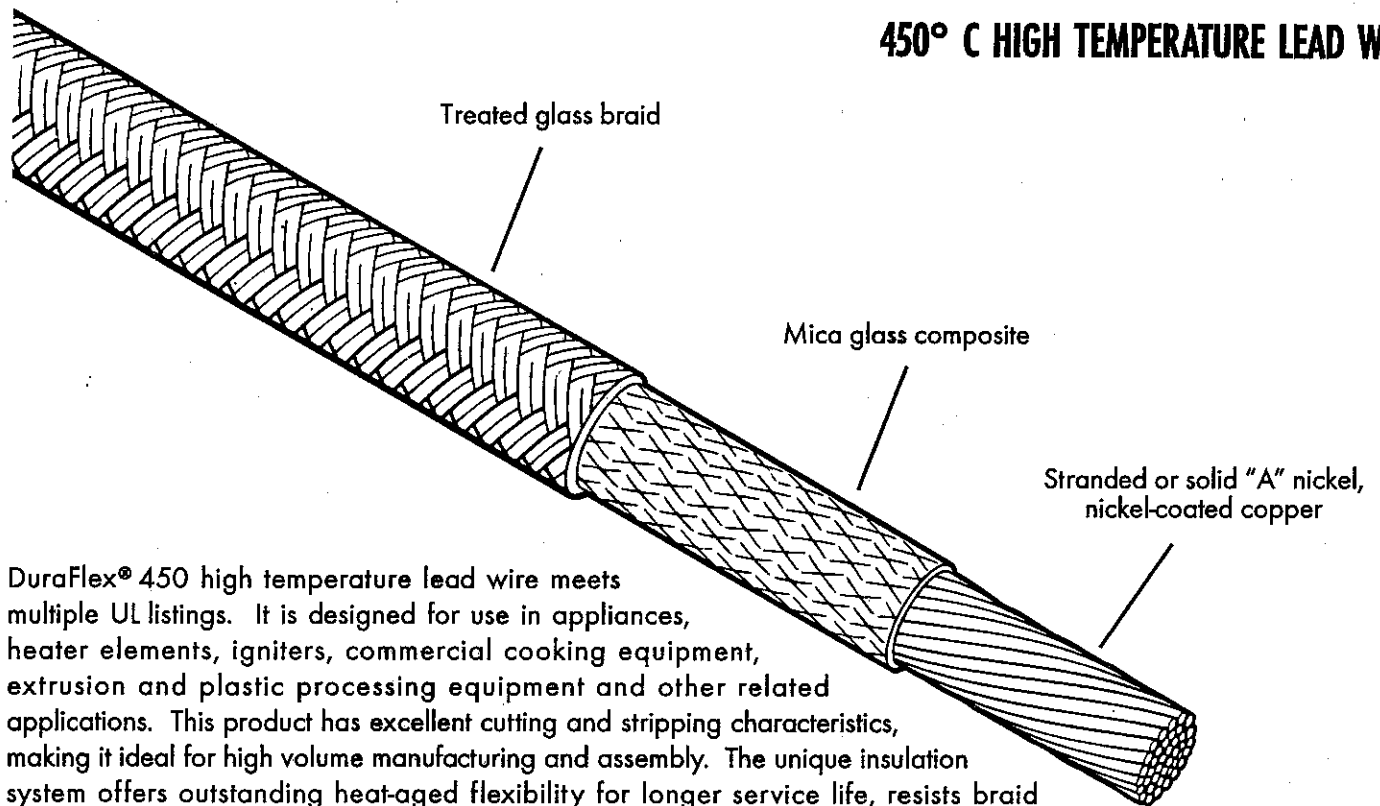


# DuraFlex<sup>®</sup> 450

## 450° C HIGH TEMPERATURE LEAD WIRE



DuraFlex<sup>®</sup> 450 high temperature lead wire meets multiple UL listings. It is designed for use in appliances, heater elements, igniters, commercial cooking equipment, extrusion and plastic processing equipment and other related applications. This product has excellent cutting and stripping characteristics, making it ideal for high volume manufacturing and assembly. The unique insulation system offers outstanding heat-aged flexibility for longer service life, resists braid pushback, withstands mechanical abuse, and provides dimensional consistency and uniformity.

PRODUCT NAME	RATINGS/APPROVAL	
<b>DuraFlex<sup>®</sup> 450</b>	<b>450 °C 300Volts:</b>	<b>UL 5334/5128 CSA AWM Class 1 Group A/B</b>
<b>DuraFlex<sup>®</sup> 450</b>	<b>450 °C 600Volts:</b>	<b>UL 5335/5107 CSA AWM Class 1 Group A/B</b>

**Notes:**

- UL File E22244
- CSA File LL13427 & LL80670

DuraFlex<sup>®</sup> is a registered trademark of Radix Wire Company  
 DuraFlex<sup>®</sup> US Patent nos. 6,249,961 & 6,429,377



# DuraFlex® 450

## 450° C HIGH TEMPERATURE LEAD WIRE

### DuraFlex® 450 450°C/300V

UL 5334 / CSA AWM Class 1 Group A/B FT-1  
UL 5128 / CSA AWM Class 1 Group A/B FT-1

AWG	Stranding	Nominal Diam. inches/mm	Approx. weight lbs / m ft - kg / km
24	7/0800	0.074 / 1.88	5.0 / 7.44
22	7/0100	0.084 / 2.13	6.0 / 8.93
20	10/0100	0.085 / 2.19	6.5 / 9.67
18	16/0100	0.097 / 2.46	9.5 / 14.14
16	26/0100	0.107 / 2.97	13.0 / 19.35
14	41/0100	0.128 / 3.25	18.5 / 27.53

### DuraFlex® 450 450°C/600V

UL 5335 / CSA AWM Class 1 Group A/B FT-1  
UL 5107 / CSA AWM Class 1 Group A/B FT-1

AWG	Stranding	Nominal Diam. inches/mm	Approx. weight lbs / m ft - kg / km
20	10/0100	0.109 / 2.77	9.5 / 14.14
18	16/0100	0.115 / 2.92	12.9 / 19.20
16	26/0100	0.134 / 3.40	15.9 / 23.66
14	41/0100	0.143 / 3.63	21.7 / 32.29
12	65/0100	0.166 / 4.22	32.4 / 48.22
10	105/0100	0.203 / 5.16	54.0 / 80.36
08	133/0100	0.257 / 6.53	79.3 / 118.02

- Standard Conductor: Nickel-coated copper.  
Alternative conductors and strandings available
- Options: Shielding  
Non-labeled multi conductor cables
- Standard Color: Natural (Tan)

All dimensions listed above are nominal.

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 Company, Inc. is not responsible for any claim traceable to such error.