



**DuraFlex® 550s** is the first UL listed 550°C AWM wire. The 550°C temperature rating allows wire to be used in extreme environments and reduces the costs of added thermal protection (glass sleeve, ceramic insulator, etc) to 450° C rated wire.

In addition to the higher temperature rating, the Radix **DuraFlex® 550s** modified Silicone jacket virtually eliminates the dermatitis problems associated with handling fiberglass while processing.

**BRAID FRAY is history!** The modified silicone jacket facilitates processing with improved moisture protection during installation.

**DuraFlex® 550s** delivers superior heat age flexing. **DuraFlex® 550s** is designed for multiple applications including household & commercial appliances, heater elements, hot surface igniters, commercial cooking equipment, extrusion and plastic processing equipment and other related applications. **DuraFlex® 550s** 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		RATING
<b>DuraFlex® 550s</b>	<b>550°C 300 Volts:</b>	<b>UL 5390 / CSA pending</b>
<b>DuraFlex® 550s</b>	<b>550°C 600 Volts:</b>	<b>UL 5400 / CSA pending</b>

**Notes:**

\* UL File E22244

**DuraFlex®** is a registered trademark of Radix Wire Company

**DuraFlex®** US Patent nos. 6,249,961 & 6,429,377

Other US and Foreign patents pending

# DuraFlex® 550s

## 550°C/300V

UL 5390

<u>AWG</u>	<u>Stranding</u>	<u>Nom. Diameter</u> <u>inches / mm</u>	<u>Approx. weight</u> <u>lbs / m ft – kg / km</u>
22	7 / 0100	0.092 / 2.33	6.3 / 9.38
20	10 / 0100	0.099 / 2.51	6.8 / 10.12
18	16 / 0100	0.105 / 2.67	10.0 / 14.88
18	7 / 0152	0.105 / 2.67	10.0 / 14.88
16	26 / 0100	0.120 / 3.05	13.6 / 20.24

# DuraFlex® 550s

## 550°C/600V

UL 5400

<u>AWG</u>	<u>Stranding</u>	<u>Nom. Diameter</u> <u>inches / mm</u>	<u>Approx. weight</u> <u>lbs / m ft – kg / km</u>
20	10 / 0100	0.115 / 2.92	10.0 / 14.88
18	16 / 0100	0.123 / 3.12	13.5 / 20.09
16	26 / 0100	0.142 / 3.61	16.7 / 24.85
14	41 / 0100	0.156 / 3.96	22.8 / 39.93
12	65 / 0100	0.182 / 4.62	34.0 / 50.60
10	105 / 0100	0.212 / 5.38	56.7 / 84.38

- \* Standard Conductor: Nickel-coated copper.  
Alternative nickel conductors available.
- \* Standard Color: White
- \* Options: Stainless Steel Shielding  
Non-labeled multi-conductor cable
  
- \* UL file E22244