



# PRODUCT DATA

## Welding Cable

Prestolite manufactures a full assortment of standard wire and cable products for industrial and automotive OEMs, including welding cable, automotive primary wire, ABS cable and battery cable. However, we specialize in designing custom cable and wire set solutions to meet specific requirements for signal transmission, environmental concerns such as temperature or abrasion, and, for automotive applications, space constraints under the hood or in the chassis. Please contact us for information on any standard or custom product need.

### Applications

- Used as power feed leads from the welding power source to the electrodes

### Features

- High strength tear-resistant jacket
- Excellent resistance to abrasion and impact
- Superior flexibility, even at cold temperatures to -65°C
- Flame resistant
- Special stranded conductor for added flexibility and easy handling

### Spark Tested for 600V

Prestolite has established a voltage rating procedure incorporating the IPCEA-S-19-81 D.C. spark test.

<u>AWG</u>	<u>Voltage (KV)</u>
6 to 2	22.5
1 to 4/0	27.0

### Separators

- Various, such as paper, polyester film, or polyester and aluminum film

### Color

- Black (standard); other colors available on special request

### Packaging

- Details and options available upon request



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## Welding Cable (Prestoflex™ [PX])

### Insulation

- EPDM

### Conductor

- Stranded bare copper;  
Meets CMA requirements  
of ASTM B172

### Temperature Rating

- 90°C, 105°C, 125°C

### Voltage Rating

- 600V

Alternative constructions available upon request.

### Specifications

AWG	Stranding	Insulation Thickness (inches)	Nominal OD (inches)
6	280	.080	.356
4	440	.080	.403
3	552	.085	.441
2	704	.090	.485
1	880	.095	.529
1/0	1112	.105	.591
2/0	1408	.104	.635
3/0	1760	.105	.685
4/0	2224	.115	.764



### For Product Information, Quotations and Ordering

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