

## Square Cartridge Lead Protection

### Stainless Steel Braid



- Swaged in stainless steel braid provides excellent abrasion protection while allowing the leads to be bent in a tight radius.
- Because the braid is swaged in, it is extremely resistant to pulling out of the heater.

#### Unheated Length at Lead End of Heater

Heater Length 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 1"  
Under 3" Long .25 .20 .35 .29 .39 .39 .54  
Over 3" Long .86 .79 .94 .84 1.011.001.20

### Right Angle Braid



- Right angle stainless steel braid offers the same advantages as swaged in stainless steel braid, but allows use in tight spaces.
- When ordering, please specify the overall length.

#### Unheated Length at Lead End of Heater

Heater Length 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 1"  
Under 3" Long .20 .20 .25 .29 .39 .39 .24  
Over 3" Long .81 .79 .84 .84 1.011.00.31  
Extension Length .31 .31 .37 .37 .44 .44 .75

### Stainless Steel Flexible Conduit



- Flexible conduit (also known as armor or hose) provides maximum lead protection from abrasion but cannot be bent quite as sharply as stainless steel braid.
- Flexible conduit is swaged into the heater for maximum protection.

#### Unheated Length at Lead End of Heater

Heater Length 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 1"  
Under 3" Long .62 .60 .30 .23 .39 .39 .54  
Over 3" Long 1.231.20 .89 .84 1.011.001.2  
Conduit O.D. .25 .303 1.4" .303.37 .48 .48

## Right Angle Stainless Steel Conduit

- Right angle stainless steel conduit offers the advantages as swaged in stainless steel conduit but allows use in tight spaces.
- When ordering, please specify the overall length.



### Unheated Length at Lead End of Heater

Heater Length	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
Under 3" Long	.55	.60	.65	.70	.90	.80	.24
Over 3" Long	.81	.79	.84	.84	1.01	1.00	.31
Extension Length	.31	.37	.37	.37	.44	.44	.75
Conduit O.D.	.25	.25	.33	.37	.37	.37	.37

## Sleeving

Type	Max Rec.	Comments
Silicone Rubber Fiberglass Sleeving	200°C	Can sleeve both leads together or each lead separately.
Fiberglass Sleeving	240°C	Good for lead protection and used over crimps.

Sales @ [ptsheat.com](mailto:ptsheat.com)

Dave Farmery  
Ben Midulla



Toll Free Phone/Fax

844-787-4328  
844-PTSHEAT

[www.PhoenixThermalSupply.com](http://www.PhoenixThermalSupply.com)