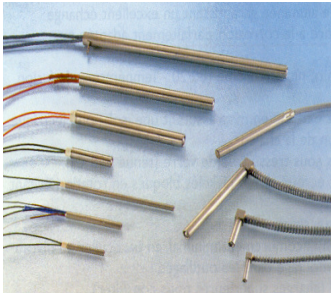


**CARTRIDGE HEATING ELEMENTS**



- **Huge range available**
- **High quality high performance Cartridge Elements**
- **Metric and Imperial sizes**
- **6.5mm to 20mm diameter**
- **1/4" to 3/4" diameter**
- **60mm to 330mm long**
- **1-1/4" to 12" long**
- **50W to 2000W**
- **Very reliable**

Techspan high capacity cartridge elements are suitable for all kinds of heating applications, including plastic injection moulds and tooling, in the plastics, food, packaging, and printing industries. Special technology used in the manufacture of the elements results in a very reliable, high capacity element with heating capacity up to 750 deg C.

Techspan Cartridge Elements are constructed with high quality 80/20 nickel chromium wire embedded in a magnesium core and surrounded by a magnesium oxide sleeve. The outer case is high quality stainless steel.

All sizes shown are normally available ex stock for immediate delivery, however please check for availability.

**Metric Cartridge Elements**

<u>Code</u>	<u>dia.</u>	<u>length</u>	<u>Watts</u>
AC6560250	6.5	60	250
AC6580300	6.5	80	300
AC65100350	6.5	100	350
AC65130350	6.5	130	350
AC65160400	6.5	160	400
AC840200	8.0	40	200
AC850200	8.0	50	200
AC860250	8.0	60	250
AC880250	8.0	80	250
AC8100250	8.0	100	250
AC8130300	8.0	130	300
AC8160400	8.0	160	400
AC8330250	8.0	330	250
AC1040200	10.0	40	200
AC105050	10.0	50	50
AC1050200	10.0	50	200
AC1060400	10.0	60	400
AC1080500	10.0	80	500
AC10100600	10.0	100	600
AC10130600	10.0	130	600
AC10160600	10.0	160	600
AC10200500	10.0	200	500
AC12540250	12.5	40	250
AC12550300	12.5	50	300
AC12560300	12.5	60	300
AC12580350	12.5	80	350
AC12510040	12.5	100	400
AC12513050	12.5	130	500
AC12516080	12.5	160	800
AC12520010	12.5	200	1000
AC12525010	12.5	250	1000
AC12530010	12.5	300	1000
AC14405100	14.0	405	1000
AC1640300	16.0	40	300
AC1650300	16.0	50	300
AC1660300	16.0	60	300
AC1680500	16.0	80	500
AC16100600	16.0	100	600
AC16130600	16.0	130	600
AC16160800	16.0	160	800
AC16200100	16.0	200	1000
AC16250130	16.0	250	1300
AC16300150	16.0	300	1500
AC2060500	20.0	60	500
AC2080600	20.0	80	600
AC20100600	20.0	100	600
AC20130800	20.0	130	800
AC20160150	20.0	160	1500
AC20200150	20.0	200	1500
AC20250150	20.0	250	1500
AC20300200	20.0	300	2000
AHHTP		Heat Transfer Paste	140g

**Imperial Cartridge Elements**

<u>Code</u>	<u>dia.</u>	<u>length</u>	<u>Watts</u>
AC1/412517	1/4	1.25	170
AC1/415200	1/4	1.5	200
AC1/42200	1/4	2.0	200
AC1/425200	1/4	2.5	200
AC1/43250	1/4	3.0	250
AC1/435250	1/4	3.5	250
AC1/44300	1/4	4.0	300
AC1/45300	1/4	5.0	300
AC1/46400	1/4	6.0	400
AC3/812520	3/8	1.25	200
AC3/815200	3/8	1.5	200
AC3/82300	3/8	2.0	300
AC3/825350	3/8	2.5	350
AC3/83500	3/8	3.0	500
AC3/835400	3/8	3.5	400
AC3/84500	3/8	4.0	500
AC3/85500	3/8	5.0	500
AC3/86600	3/8	6.0	600
AC3/87600	3/8	7.0	600
AC3/88500	3/8	8.0	500
AC1/215200	1/2	1.5	200
AC1/22150	1/2	2.0	150
AC1/225300	1/2	2.5	300
AC1/23400	1/2	3.0	400
AC1/235750	1/2	3.5	750
AC1/24500	1/2	4.0	500
AC1/25600	1/2	5.0	600
AC1/26600	1/2	6.0	600
AC1/27500	1/2	7.0	500
AC1/28800	1/2	8.0	800
AC1/291000	1/2	9.0	1000
AC1/210100	1/2	10.0	1000
AC1/212100	1/2	12.0	1000
AC5/82300	5/8	2.0	300
AC5/825400	5/8	2.5	400
AC5/83500	5/8	3.0	500
AC5/84600	5/8	4.0	600
AC5/85800	5/8	5.0	800
AC5/86800	5/8	6.0	800
AC5/871000	5/8	7.0	1000
AC5/881000	5/8	8.0	1000
AC5/891000	5/8	9.0	1000
AC5/810130	5/8	10.0	1300
AC5/812150	5/8	12.0	1500
AC3/43400	3/4	3.0	400
AC3/44600	3/4	4.0	600
AC3/451000	3/4	5.0	1000
AC3/461000	3/4	6.0	1000
AC3/481000	3/4	8.0	1000
AC3/410100	3/4	10.0	1000
AC3/412150	3/4	12.0	1500

**Australia:**

P O Box 1012, Mascot, NSW 1460, Sydney  
 Ph: 1-800 148 791   Fx: 1-800 148 799  
 sales@techspanonline.com   www.techspanonline.com

**New Zealand:**

P O Box 15262, New Lynn, Auckland  
 Ph: ++64 (09) 8276567   Fx: ++64 (09) 827 6596  
 sales@techspanonline.com   www.techspanonline.com

## NOZZLE HEATER BANDS

- High quality high performance Nozzle Heater Bands
- 25mm to 106mm diameter.
- 85W to 1100W.
- Very reliable.
- Mica insulated element construction.
- Fully sealed brass construction.
- Individually acid tested.
- 2m stainless steel armoured cable.
- Very reliable

Techspan Nozzle Heater Bands are available in the following standard metric sizes. Other sizes are available to special order.

Code	dia.	length	watts
AH252585	25	25	85
AH3030135	30	30	135
AH3038200	30	38	200
AH3050300	30	50	300
AH322090	32	20	90
AH3230145	32	30	145
AH3230180	32	30	180
AH3230200	32	30	200
AH3260300	32	60	300
AH32120400	32	120	400
AH3435200	34	35	200
AH352095	35	20	95
AH3535180	35	35	180
AH3560325	35	60	325
AH3835200	38	35	200
AH4030200	40	30	200
AH4035235	40	35	235
AH4050345	40	50	345
AH4060415	40	60	415
AH4230190	42	30	190
AH4245295	42	45	295
AH4250330	42	50	330
AH4535235	45	35	235
AH4825180	48	25	180
AH5038310	50	38	310
AH5435290	54	35	290
AH6020170	60	20	170
AH6030325	60	30	325
AH62100900	62	100	900
AH6220180	62	20	180
AH6225225	62	25	225
AH6525240	65	25	240
AH6535345	65	35	345
AH7038440	70	38	440
AH7070450	70	70	450
AH7535400	75	35	400
AH7545400	75	45	400
AH8050640	80	50	640
AH9060875	90	60	875
AH95100110	95	100	1100
AH10060970	100	60	970
AH10655750	106	55	750

Thermocouples, heater band plugs, and heat paste are also available.

*Cable length 2000mm cable.  
Cable entry axial 30 degrees.  
1ph/50Hz/230V*



Techspan Nozzle Heater Bands



Techspan Infrared Elements

## SUPER RELIABLE DESIGN

Techspan high quality high performance nozzle heaters are capable of performing under the most adverse conditions, and are recommended for applications where a high level of insulation is required. They are especially suitable for use on plastic injection moulding machines, where the fully sealed design resists contamination by plastic, water, and oil.

The Techspan Nozzle Heater Bands are supplied as standard with a 2000mm braided stainless steel cable containing 3 wires (pure nickel phase and neutral plus 1 earth cable). This flexible cable is highly resistant to vibration and flexing, and has been manufac-

ured to withstand a temperature of 400 deg C. (750 deg F.)

The level of insulation is very high allowing maximum safe wattages up to 6W/cm2. Clamping is by two 4mm allen head screws. The cable junction into the heater band is via a compact sealed entry set axially at 30 degrees.

Further information is also available from Techspan Online: [www.techspan.com.au](http://www.techspan.com.au)



### Australia:

P O Box 1012, Mascot, NSW 1460, Sydney  
Ph: 1-800 148 791 Fx: 1-800 148 799  
[sales@techspanonline.com](mailto:sales@techspanonline.com) [www.techspanonline.com](http://www.techspanonline.com)

### New Zealand:

P O Box 15262, New Lynn, Auckland  
Ph: ++64 (09) 8276567 Fx: ++64 (09) 827 6596  
[sales@techspanonline.com](mailto:sales@techspanonline.com) [www.techspanonline.com](http://www.techspanonline.com)

## INFRARED ELEMENTS

Techspan Infrared Elements are suitable for heating, drying, and curing applications. High grade ni-chrome element embedded in glazed refractory ceramic. Reliable long-life operations at temperatures up to 750 deg. C. Mounting hardware also available.

Code	Size	Watts
HTE125	122 x 60	125
HTE200	122 x 60	200
HTE325	122 x 60	325
HTE500	122 x 60	500
FTE250	245 x 60	250
FTE400	245 x 60	400
FTE650	245 x 60	650
FTE1000	245 x 60	1000
HTETCK125	122 x 60	125
HTETCK200	122 x 60	200
HTETCK325	122 x 60	325
FTETCK250	245 x 60	250
FTETCK400	245 x 60	400
FTETCK650	245 x 60	650