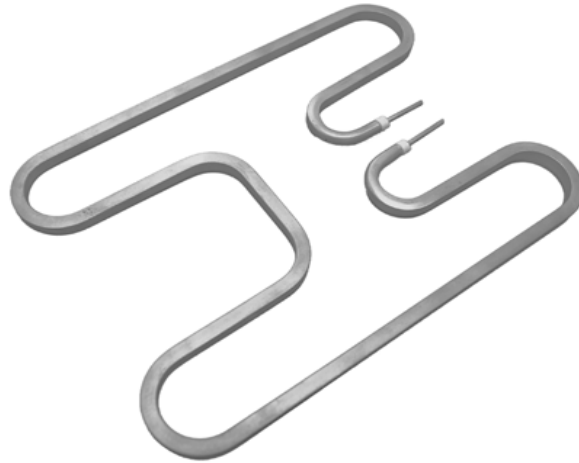


Square Cross-Section Tubular Heaters



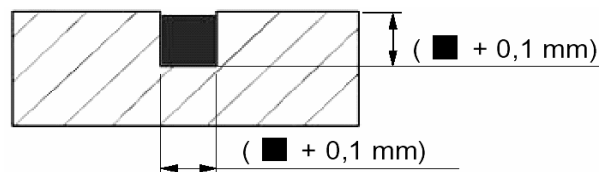
Features

The most advanced technological solution for injection manifold heating.

The square cross-section of the heating length results in a very high level of heat exchange.

Installation is very easy: no fixing is needed to hold the heater in its seat. It is simply necessary to work a square section groove where to fit and press-down the heater in its final position.

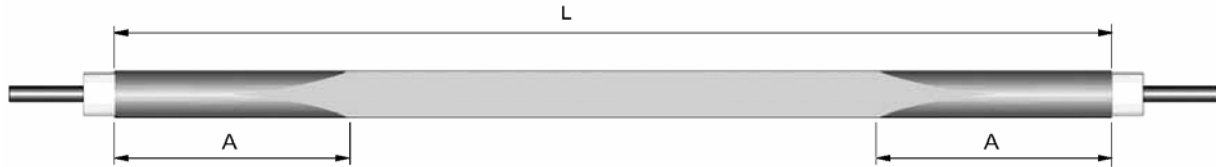
Square Cross-Section Heaters will guarantee both the perfect stability in the groove and the perfect contact and heat transmission on three sides of the heater.




Technical Data

- Cross section: 6 x 6 mm (along heating length).
- Tolerance on cross section sides: ± 0.15 mm.
- Tolerance on length: ± 5 mm for lengths up to 250 mm, $\pm 2\%$ for lengths over 250 mm.
- Tolerance on the length of unheated parts, at each end of the heater: ± 5 mm.
- Tolerance on power: +5%/-10%.
- Electrical strength: 1500 V.
- Electrical insulation, when cold, with 1000 Vcc: > 10 M Ω .
- Leakage current, when cold: < 0.1 mA.
- Maximum working temperature (external sheath): 750 °C.
- Sheath material: AISI 321 stainless steel.
- Minimum bending radius to the heater's centerline, with 6x6 mm section: 15 mm.
- Important: unheated (round) part at both ends shall not be bent.

Standard Models



Cross Section	Total Length (mm)	P/W 6 w/cm ²	P/W 10 w/cm ²	Tension (Volt)
 6 x 6 mm	300	345	580	230
	350	420	700	230
	400	490	820	230
	450	565	940	230
	500	635	1060	230
	550	705	1180	230
	600	780	1300	230
	650	850	1420	230
	700	925	1540	230
	750	995	1660	230
	800	1065	1780	230
	850	1140	1900	230
	900	1210	2020	230
	950	1285	2140	230
	1000	1355	2260	230
	1050	1425	2380	230
	1100	1500	2500	230
	1150	1570	2620	230
	1200	1645	2740	230
	1250	1715	2860	230
1300	1785	2980	230	
1350	1860	3100	230	
1400	1930	3220	230	
1450	2005	3340	230	
1500	2075	3460	230	

Note: Other cross sections, lengths and powers available on request.
 All our standard tubular heaters have 40mm unheated length on each end.

Terminals

Standard terminal: M3x15L