

Multi-Purpose Elements

Applications

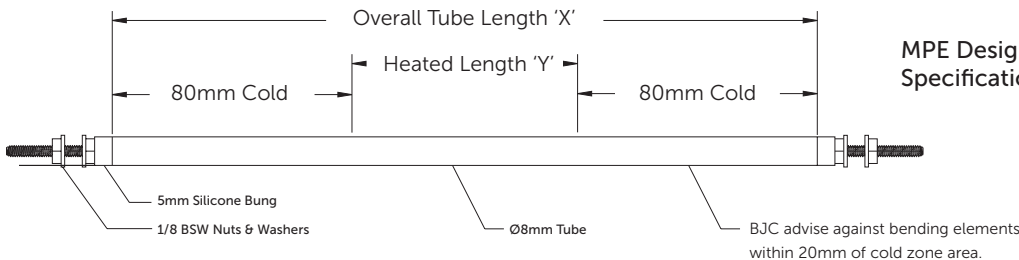
Multi-purpose elements give the user the ability to shape or modify an element for use in a wide variety of heating applications, whether in liquid, acid, alkaline or air environments. These elements are ideally suited for prototype runs or urgent repairs.

MPE Construction:

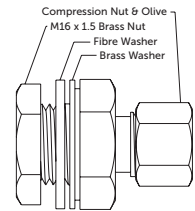
- All BJC MPEs are constructed from the highest grade materials.
- All BJC MPEs are uniformly annealed for ease of forming.
- 1/8" Whitworth terminal pins allow for universal connections.
- M16 compression bushes for ease of mounting are available.
- BJC MPEs are ideally suited for machine breakdowns and prototype runs etc., as the elements are readily available ex stock.



Multi-purpose element showing universal connector



MPE Design Specifications



Compression Bush

Series B:

Incoloy 800 sheathed elements for use in air heating, ovens and bain marie units where boil dry situations may occur.

INCOLOY 800 - 55kW/M² (35W/IN²) SERIES

CAT NO.	WATTS	DIM "X"	DIM "Y"
MPE05B	500	520	360
MPE10B	1000	890	730
MPE12B	1200	1025	865
MPE15B	1500	1250	1090
MPE18B	1800	1460	1300
MPE20B	2000	1610	1450
MPE24B	2400	1900	1740
MPE30B	3000	2335	2175
MPE35B	3500	2700	2540
MPE40B	4000	3000	2840

Series J:

Incoloy 800 sheath elements for air and liquid heating. Ideal for use in many types of acid/alkaline situations. Contact your BJC agent for more information.

INCOLOY 800 - 31kW/M² (20W/IN²) SERIES

CAT NO.	WATTS	DIM "X"	DIM "Y"
MPE05J	500	800	640
MPE10J	1000	1430	1270
MPE15J	1500	2065	1905
MPE18J	1800	2435	2275
MPE24J	2400	3185	3025

Series C:

304L stainless steel sheathed elements for use in a wide variety of heating applications from forced air heating to die heating systems.

304L Stainless Steel - 45kW/M² (30W/IN²) SERIES

CAT NO.	WATTS	DIM "X"	DIM "Y"
MPE05C	500	580	420
MPE10C	1000	1000	840
MPE12C	1200	1170	1010
MPE15C	1500	1430	1270
MPE18C	1800	1675	1515
MPE20C	2000	1850	1690
MPE24C	2400	2200	2040
MPE30C	3000	2700	2540
MPE35C	3500	3115	2955

All elements rated at 235V.
All elements sealed using high temp epoxy suitable for temperatures up to 180°C.