

# STEP® INDUSTRIAL GRADE HEATING ELEMENTS

## SELF-REGULATING TECHNOLOGY OF ELECTRO PLASTICS

Element Type		Element Temperature	Resistance	Linear	Density	Length	Element at Room Temp.	
Width	Model		Ohms / ft	W/ ft	W / sqft	Max Feet	°C	°F

### 12 Volts

at 225 W (18.75 A)

3"	MEP-0-7-20W-12V	20°C (68°F)	24	6.1	24.4	33	36	97
		0°C (32°F)	20	7.5	29.2	28		
3"	MEP-0-7-40W-12V	20°C (68°F)	12	12.0	48.0	18	53	127
		0°C (32°F)	10	13.7	54.8	16		
6"	MEP-S-15-32W-12V	20°C (68°F)	14	10.3	20.6	21	39	102
		0°C (32°F)	12	12.2	24.4	18		

### 24 Volts

at 450 W (18.75 A)

3"	MEP-0-7-30W-24V	20°C (68°F)	63	9.1	36.4	50	46	115
		0°C (32°F)	53	10.8	43.2	42		
9"	MEP-S-23-22W-24V	20°C (68°F)	85	6.8	9.0	66	29	84
		0°C (32°F)	72	8.0	10.7	56		
9"	MEP-S-23-36W-24V	20°C (68°F)	52	11.0	14.6	41	31	88
		0°C (32°F)	44	13.0	17.3	35		
9"	MEP-S-23-80W-24V	20°C (68°F)	24	24.0	32.0	19	38 - 46	100 - 115
		0°C (32°F)	21	27.0	36.0	17		
12"	MEP-S-30-15W-24V	20°C (68°F)	126	4.5	4.5	100	24	76
		0°C (32°F)	107	5.4	5.4	83		
12"	MEP-S-30-25W-24V	20°C (68°F)	74	7.8	7.8	57	28	82
		0°C (32°F)	61	9.4	9.4	48		
12"	MEP-S-30-29W-24V	20°C (68°F)	64	9.0	9.0	50	29	84
		0°C (32°F)	54	10.7	10.7	42		
12"	MEP-0-30-36W-24V	20°C (68°F)	52	11.0	11.0	41	29 - 30	84 - 86
	MEP-S-30-36W-24V	0°C (32°F)	44	13.0	13.0	35		
12"	MEP-S-30-70W-24V	20°C (68°F)	27	21.3	21.3	22	33 - 40	92 - 104
		0°C (32°F)	24	24.0	24.0	20		

Note: S means elements with slots, 0 means no slots

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