

Expanded Constantan Wire Mesh Heater

Heanjia Constantan wire mesh heater is a durable heating product that is oxidation and creeping resistant. High mechanical strength. It offers low temperature coefficient of electric resistivity and produce large amount of heat when heated above 650C. Extremely ductile constantan wire mesh is produced into any shape to fit in the specific configurations.

Constantan shows superior corrosion resistance than Manganin.

Constantan Expanded Mesh Heater Specification

Style	Lbs. Per 100 Sq. Ft.		Standard Sheet Size (Feet)		Design Size (Inches)		Opening Size (Inches)		Size of Strands in Inches		Thickness Inches	No. of Designs Per Foot		Percent Open Area
	Plain	Galv. Wt.	Width SWD	Length LWD	SWD	LWD	SWD	LWD	Width	Thickness		SWD	LWD	
3 lb.	300	3.15	4 & 6	8 & 10	1.330	5.330	0.940	3.440	0.264	0.183	0.540	9.0	2.250	60
3.14 lb.	314	3.30	4 & 6	8 & 10	2.000	6.000	1.625	4.880	0.312	0.250	0.656	6.0	2.000	69
4 lb.	400	4.18	4 & 6	8 & 10	1.330	5.330	0.940	3.440	0.300	0.215	0.618	9.0	2.250	55
4.27 lb.	427	4.46	4 & 6	8 & 10	1.410	4.000	1.000	2.880	0.300	0.250	0.625	8.5	3.000	58
5 lb.	500	5.20	4 & 6	8 & 10	1.330	5.330	0.813	3.380	0.331	0.250	0.655	9.0	2.250	50
6.25 lb.	625	6.47	4 & 6	8 & 10	1.410	5.330	0.813	3.380	0.350	0.312	0.715	8.5	2.250	50
7 lb.	700	7.25	4 & 6	8 & 10	1.410	5.330	0.813	3.380	0.391	0.312	0.740	8.5	2.250	45



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