

# Physical & Electrical Specifications

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Table I

Description	Unfinned Tubular Elements			Finned Tubular Elements	
	Standard		Two-Pass	Standard	Two-Pass
	.312"	.475"	.475"	.475"	.475"
<b>Sheath Materials<sup>(1)</sup> (Max Sheath Temp)</b>					
Copper (seamless) (350° F)	Custom	Stock	Stock	N/A	N/A
Steel (750° F)	N/A	Stock	Stock	Stock	Stock
304 SS (1400° F)	Stock	Stock	Stock	Stock	Stock
316 SS (1400° F)	Custom	Stock	Stock	Stock	Stock
Inconel 625 (1800° F)	N/A	Stock	N/A	N/A	N/A
Incoloy 800 (1600° F)	Stock	Stock	Stock	N/A	N/A
Incoloy 800 (seamless) (1600° F)	N/A	Custom	N/A	N/A	N/A
321 SS (seamless) (1400° F)	N/A	Custom	N/A	N/A	N/A
Monel 400 (1000° F)	N/A	Stock	Stock	Stock	Stock
<b>Sheath Diameters</b>					
Minimum	.309"	.469"	.469"	.469"	.469"
Maximum	.317"	.477"	.477"	.477"	.477"
<b>Nominal Wall Thickness<sup>(2)</sup></b>	.030"	.035"	.035"	.035"	.035"
<b>Sheath Lengths</b>					
Minimum	11"	11"	11"	11"	11"
Maximum	256"	256"	96"	256"	96"
Sheath Length Tolerances	1% of overall sheath length with a minimum of 1/8" and a maximum of 1"				
<b>Cold Ends</b>					
Minimum	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
Maximum	24"	28"	16"	28"	16"
<b>Maximum Current Draw</b>	40	40	30	40	30
<b>Maximum Voltage</b>	277	600	277	600	277
<b>Wattage Tolerance</b>	+5/-10%	+5/-10%	+5/-10%	+5/-10%	+5/-10%

(1) Stock – Material in stock.

Custom – Material is either stocked in small quantity or must be special ordered for each job.

(2) Other wall thicknesses available.