



AWG/ Spiral Wound Tubing Diameter Chart

Bulletin #S-20

American Wire Gauge (AWG) Size	NEMA Inside Diameter		Stone Industrial Mandrel Size
	Maximum	Minimum	
AWG 18	0.049"	0.040"	0.046"
AWG 17	0.054"	0.045"	0.052"
AWG 16	0.061"	0.051"	0.061"
AWG 15	0.067"	0.057"	0.064"
AWG 14	0.072"	0.064"	0.069"
AWG 13	0.080"	0.072"	0.078"
AWG 12	0.089"	0.081"	0.093"
AWG 11	0.101"	0.091"	0.099"
AWG 10	0.112"	0.102"	0.110"
AWG 9	0.124"	0.114"	0.122"
AWG 8	0.141"	0.129"	0.138"
AWG 7	0.158"	0.144"	0.152"
AWG 6	0.170"	0.162"	0.172"
AWG 5	0.198"	0.182"	0.192"
AWG 4	0.224"	0.204"	0.215"
AWG 3	0.249"	0.229"	0.240"
AWG 2	0.278"	0.258"	0.268"
AWG 1	0.311"	0.289"	0.300"
AWG 0	0.347"	0.325"	0.337"
AWG 3/8"	0.399"	0.375"	0.392"
AWG 7/16"	0.462"	0.438"	0.456"
AWG 1/2"	0.524"	0.500"	0.516"
AWG 5/8"	0.655"	0.625"	
AWG 3/4"	0.786"	0.750"	
AWG 7/8"	0.911"	0.875"	
AWG 1"	1.036"	1.000"	
AWG 1 1/4"	1.300"	1.250"	
AWG 1 1/2"	1.550"	1.500"	

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Note: This material property information is the best currently available on the subject. The data should be viewed as a general guide to tube and material properties, not a performance guarantee. The customer should examine the suitability of the finished product for individual applications.