

## Properties of Silver Nickel Materials (GNi and SNi)

Material Designation	Silver Content Wt-%	Density	
		g/cm <sup>3</sup>	oz/in <sup>3</sup>
<b>GNi-10W</b>	<b>89-91</b>	<b>10.33</b>	<b>5.43</b>
<b>GNi-10</b>	<b>89-91</b>		
<b>SNi-10</b>	<b>90-92</b>		
<b>GNi-15W</b>	<b>84-86</b>	<b>10.22</b>	<b>5.38</b>
<b>GNi-15</b>	<b>84-86</b>		
<b>SNi-15</b>	<b>86-88</b>		
<b>GNi-20W</b>	<b>79-81</b>	<b>10.13</b>	<b>5.34</b>
<b>GNi-20</b>	<b>79-81</b>		
<b>SNi-20</b>	<b>82-84</b>		

\*Available Forms: Wire, Silver Backed Strip & Tips, Braze Backed Strip & Tips, Clad to Copper, and Braze Profiled Multilayer Tapes

GNi and SNi Silver Nickel Photomicrographs		
<b>GNi-10</b>		
	Short Transverse	Long Transverse
<b>SNi-10</b>		
	Short Transverse	Long Transverse
<b>GNi-20</b>		
	Short Transverse	Long Transverse