

## Soft Nickel Plated High Strength Copper Alloy Green8® Stranded Wire

Standard	Material	ASTM B624
	Plating	ASTM B355
	Stranding	AS29606
	Controls	EN3475 series

AWG	Construction	Cross-Sec. Area	Wire Diameter	Stranded Wire Diameter		Lay Length (Left Direction - "S")		Linear Weight	Electrical Resistance	Breaking Strength
		Circular Mils	inch	inch		inch		lbs/1000ft	$\Omega/1000ft$	lbs
		Nominal	Nominal	Min	Max	Min	Max	Nominal	Max	Min
30	<b>07/38</b> TOR 07x0,102 Green8 NI55 R	112	0.0040	0.0115	0.0134	0.107	0.214	0.342	129.6	5.2
28	<b>07/36</b> TOR 07x0,127 Green8 NI45 R	175	0.0050	0.0135	0.0164	0.131	0.262	0.538	79.0	8.2
26	<b>19/38</b> TOR 19x0,102 Green8 NI55 R	304	0.0040	0.0175	0.0204	0.163	0.326	0.900	49.4	14.2
24	<b>19/36</b> TOR 19x0,127 Green8 NI45 R	475	0.0050	0.0225	0.0254	0.203	0.406	1.455	30.1	22.4
22	<b>19/34</b> TOR 19x0,160 Green8 NI35 R	754	0.0063	0.0285	0.0314	0.251	0.502	2.328	18.6	35.8
20	<b>19/32</b> TOR 19x0,203 Green8 NI30 R	1216	0.0080	0.0365	0.0404	0.323	0.646	3.729	11.4	58.1
18	<b>19/30</b> TOR 19x0,254 Green8 NI30 R	1900	0.0100	0.0465	0.0487	0.390	0.779	5.826	6.79	90.3
16	<b>19/29</b> TOR 19x0,287 Green8 NI20 R	2426	0.0113	0.0515	0.0548	0.438	0.877	7.459	5.16	115.0

The minimum of elongation for all gauges is 6%.

The conductor construction for all gauges is UNILAY.

The minimum of nickel thickness for all gauges is 50 microns.

Packaging	Spools	DIN 250 or DIN355 (to be agreed)	
	Labelling	<ul style="list-style-type: none"> <li>Product designation (customer)</li> <li>Size</li> <li>Date</li> <li>Part Nr (customer)</li> </ul>	<ul style="list-style-type: none"> <li>PO Number (customer)</li> <li>Gross weight</li> <li>Tara</li> <li>Net weight</li> <li>Batch Number</li> </ul>

- Our products are clear of imperfections and consistent with best industrial practices to **limit the amount of contaminants, dust and lubricants** during the manufacturing and packaging process.
- **Free certificate of compliance, or test report** with required and obtained values are available upon request.
- The data provided here have been established to the best of our knowledge and is for **informative purpose only**.
- Green8® product are **RoHS & REACH compliant**.

We highlight the fact that values are in a first time measured or calculated in metric system, and then converted in USCS. That may cause slight discrepancies.  
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