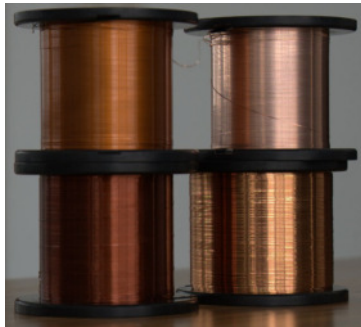


# CU-, AL-Flachlackdraht (ultra fine)

## Marketing Information

<p><b>Ultra fine Rectangular Winding Wire CU or AL</b></p> <p><b>CU - thickness: 0,09 &gt; 0,6 / width: 0,2 &gt; 3,5 mm</b>  <b>AL - thickness: 0,96 &gt; 8,0 / width: 1,52 &gt; 22 mm</b></p>	
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<b>Name:</b>	<b>Ultra-fine enameled rectangular wires</b>		
<b>Conductor:</b>	<b>Copper or Aluminium</b>		
<b>Sizes:</b>		thickness	width
	<b>Copper</b>	<b>0,09 &gt; 0,6 mm</b>	<b>0,2 &gt; 3,5mm</b>
	<b>Aluminium</b>	<b>0,6 &gt; 8,0 mm</b>	<b>1,5 &gt; 22 mm</b>
<b>Thermal Class:</b>	<b>H, C, C+</b>	<b>180° C, 200°C, 220°C</b>	
<b>Insolation Types:</b>			
<b>UEW-180</b>	<b>H 180°C</b>	<b>Class 180 Polyurethane</b>	
<b>EI/A/W: 200</b>	<b>C 200°C</b>	<b>Class 200 Polyester overcoated with Polyesterimide</b>	
<b>PIW 220</b>	<b>C+ 220°C</b>	<b>Class 220 Polyimide rectangular copper wire</b>	
<b>Standards:</b>	<b>IEC60317; GB/T 7095 or to customers' requirements</b>		
<b>Packing:</b>	<b>Spool PL-4</b>	<b>4 - 6 KG</b>	
	<b>Spool PL-10</b>	<b>12 - 15KG</b>	
<b>Properties:</b>	<b>UEW-180</b>	<b>is directly solderable</b>	
	All wires can be supplied as selfbonding as well!		
<b>Application</b>	High temperature voltage devices, any type of highpower electronic switch gear, powerelectronics.		
<b>MOQ</b>	<b>Minimum order quantities for insulation type 180C or 200C Copper- or AL-Wire as below:</b>		
	below cross section of 1 mm <sup>2</sup> MOQ is 150 KG per size above cross section of 1 mm <sup>2</sup> to 5 mm <sup>2</sup> MOQ is about 300 KG per size above cross section of 5 mm <sup>2</sup> to 50 mm <sup>2</sup> MOQ is about 500 KG per size above cross section of 50 mm <sup>2</sup> MOQ is about 2000 KG per size Other MOQ on demand.		



*... zuverlässig, flexibel, schnell*

### **Applications:**

Small transformers, transformers, chokes, linear drives, switching power supplies.  
All inductors requiring compact dimensions.

### **Properties:**

Due to the square cross section, far larger packing densities / filling factors can be produced compared to conventional round wires. Optimal utilization of the winding space, especially with small bobbins.

**Wires with insulation UEW-180 are solderable!**

**All wires can be supplied as self-bonding wire too!**

### **Important note:**

This technical information is based on tests that we believe are reliable. The data are determined and compiled to the best of our knowledge and belief. However, they are not a guarantee and do not release the consumer from their own examinations! Errors, mistakes reserved!