

The table below provides **dimensional, electrical and mechanical** properties of FSP-one material in **soft state**.

Those values are **indicative** and obtained with a minimum **elongation of 6%**.

For any further information or specific demand, please contact our sales department : [sales@fsp-one.com](mailto:sales@fsp-one.com)

Family	Material	Diameter <i>mm</i>	Density <i>g/cm<sup>3</sup></i>	Resistivity <i>μΩ.cm</i>	IACS <i>%</i>	UTS <i>MPa</i>
<i>Copper</i>	<b>CuHC</b>	0,030 → 2,400	8,86	1,724	100	240
	<b>CuHC</b> <i>27% Nickel Plated</i>	0,080 → 2,400	8,82	2,205	78	300
	<b>CuOFHC</b>	0,030 → 2,400	8,86	1,724	100	240
	<b>CuOFHC</b> <i>27% Nickel Plated</i>	0,080 → 2,400	8,82	2,205	78	300
	<b>Green6</b>	0,050 → 1,200	8,88	1,997	85	380
	<b>Green6</b> <i>27% Nickel Plated</i>	0,080 → 1,200	8,87	2,67	65	400
	<b>Green8</b>	0,060 → 0,900	8,94	1,898	90	440
	<b>CuP</b>	0,060 → 1,850	8,93	1,784	96	240
	<b>White Metal</b>	0,080 → 0,900	8,92	9,892	17	250
	<b>CuNiSi</b>	0,080 → 0,900	8,87	4,021	42	640
	<b>Brass 80/20</b>	0,080 → 0,900	8,62	5,301	32	450
	<b>Bronze6</b>	0,060 → 0,800	8,84	13,770	12	540
<i>Silver</i>	<b>Ag990</b>	0,070 → 2,000	10,48	1,730	99	230
	<b>Ag935</b>	0,070 → 0,900	10,15	2,000	86	350
<i>Aluminium</i>	<b>Copper Clad Aluminium</b>	0,160 → 2,300	3,65	2,606	66	140
<i>Nickel</i>	<b>Pure Nickel</b>	0,060 → 1,500	8,64	7,804	22	410
<i>Steel</i>	<b>Copper Clad Steel</b>	0,100 → 1,000	8,30	4,132	41	350