

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

Those values are **indicative** and obtained with a minimum **elongation of 1%**.

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

Family	Material	Diameter <i>mm</i>	Density <i>g/cm³</i>	Resistivity <i>μΩ.cm</i>	IACS <i>%</i>	UTS <i>MPa</i>
<i>Copper</i>	CuHC	0,030 → 2,400	8,86	1,750	98	440
	CuOFHC	0,030 → 2,400	8,86	1,750	98	430
	Green6	0,035 → 1,500	8,88	2,115	80	530
	Green8	0,060 → 0,900	8,94	1,930	89	680
	Brass 80/20	0,040 → 0,900	8,62	6,327	27	850
	White Metal	0,050 → 0,900	8,92	9,892	17	720
	Bronze6	0,060 → 0,800	8,84	15,117	11	1180
	CuNiSi	0,060 → 0,900	8,87	8,109	21	715
	CuP	0,030 → 1,850	8,96	1,894	91	580
<i>Silver</i>	Ag990	0,040 → 2,000	10,48	1,935	89	570
	Ag935	0,040 → 0,900	10,15	2,455	70	650
<i>Aluminium</i>	Copper Clad Aluminium	0,127 → 2,300	3,65	2,667	64	250
<i>Nickel</i>	Pure Nickel	0,060 → 1,500	8,64	8,584	20	900
<i>Steel</i>	Copper Clad Steel	0,050 → 1,000	8,30	4,232	40	750