

## Wires

	Short code	Colour	Corrugated	Smooth	Continuous diameter	Temperature resistance	Specific weight g/cm <sup>3</sup>	Tensile strength* to N/mm <sup>2</sup>	Water absorption in case of immersion	Watery alkalis	Diluted organic acids	Diluted mineral acids	Organic solvents	* Wire thickness 0.30
<b>Metals</b>														
V2A-wire 1.4301	V-4301	Polished metal	yes	no	0.08-0.70	450°	7.9	2300	none	+	+	+	+	
V4A-wire 1.4571	V-4571	Polished metal	yes	no	0.10-0.50	500°	7.9	2000	none	+	+	+	+	
Steel wire (natural strength)	STD	Dark coloured metal	yes	yes	0.10-0.70	300°	7.85	2000	none	o	-	-	+	
Steel wire (extra-strong)	STH	Dark coloured metal	yes	no	0.15-0.50	300°	7.9	2300	none	o	-	-	+	
Spring steel wire brass-plated	LTE	Yellowish coloured metal	yes	no	0.15-0.38	300°	7.85	2600	none	o	-	-	+	
Spring steel wire brass-plated Own design litz wire	LIT	Yellowish coloured metal	yes	no	0.15-0.38	300°	7.85	2600	none	o	-	-	+	
Flat wire (steel wire natural strength)	FLA	Dark coloured metal	no	yes	1.10 x 0.25 others on request	300°	7.85	2000	none	o	-	-	+	
Phosphor bronze wire	PHB	Reddish coloured metal	yes	yes	0.08-0.50	170°	8.5	950	none	o	o	o	o	
Brass wire	MES	Yellowish coloured metal	yes	yes	0.08-0.50	170°	8.5	900	none	o	o	o	o	
Nickel silver wire	NSI	Polished metal	yes	no	0.08-0.30	220°	8.5	900	none	o	o	o	o	
Bessemer	BES	Dark coloured metal	yes	no	0.08-0.50	300°	7.85	1400	none	o	-	-	+	

**To fasten the bundles (stapling wire) we use the following wires:**

Reddish bright	=	standard
Galvanized	=	Must be indicated
Nickel silver	=	Must be indicated

### Key to symbols:

- + resistance
- o limited resistance
- non-resistance