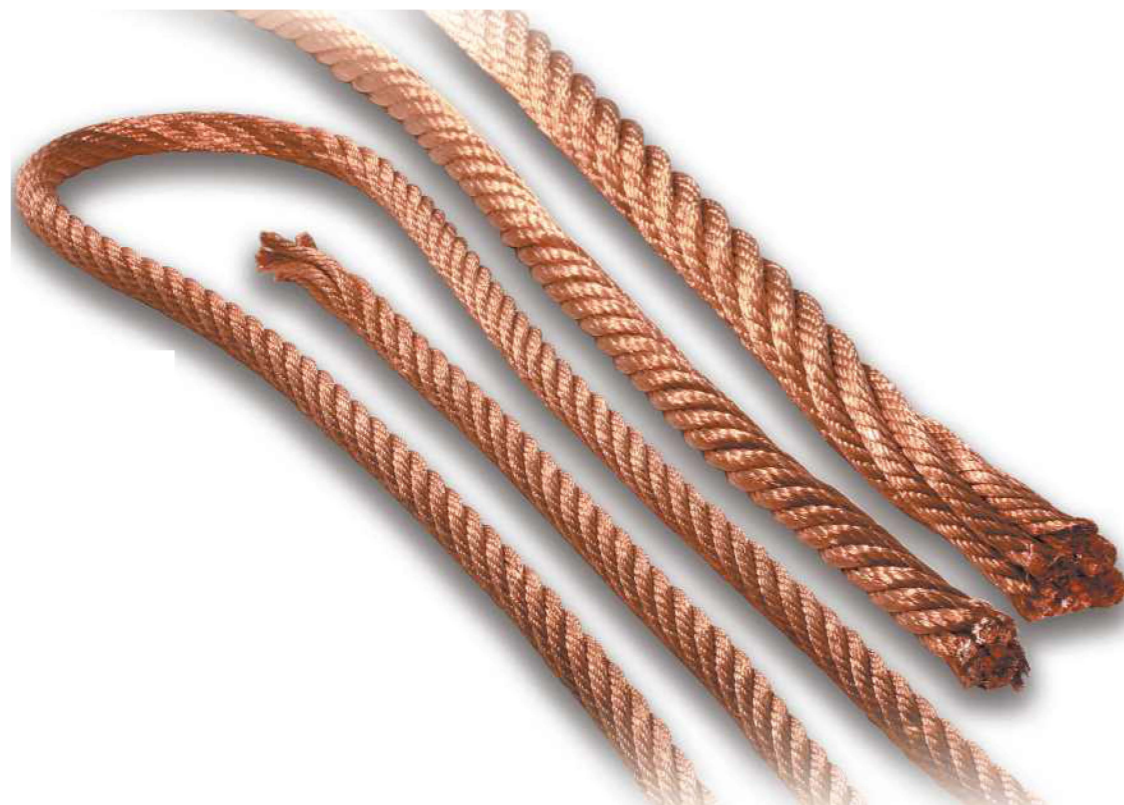




Silex
ul. Skłodowskiej 12
tel.: +48 68 385 2845
email: biuro@silexsc.com.pl

PLECIONKI MIEDZIANE
66-100 Sulechów
tel. kom.: +48 508 354 588
www.plecionkimiedziane.pl

► **Highly flexible round stranded copper cables - similar to DIN 46438**



Construction and application

These cables are manufactured from 0,05 / 0,07 or 0,10 mm diameter Cu-ETP1 wires according to the needed cross-section. It is used 1+6, 5+11, or 1+6+12 ropes construction that are stranded at special machines according to the needed conductor cross-section to provide the best flexibility and current capacity.

With providing higher flexibility caused by using thin wires and the bigger cross-section with small dimensions because of the construction system, they are well suited into small places, which also require movements and higher current capacity as well.

UNCOATED Part-No	TINNED Part-No	Cross sec. mm ²	Construction diameter and no. of wires	outer dia. mm	Weight kg/100m
SDYO-0010	KDYO-0010	1	512 X 0,05	1,5	1
SDYO-0015	KDYO-0015	1,5	392 X 0,07	1,9	1,7
SDYO-0025	KDYO-0025	2,5	651 X 0,07	2,4	2,7
SDYO-0040	KDYO-0040	4	1036 X 0,07	3,1	4
SDYO-0060	KDYO-0060	6	1561 X 0,07	4	6
SDYO-0080	KDYO-0080	8	2100 X 0,07	4,2	8
SDYO-0100	KDYO-0100	10	2604 X 0,07	4,5	10
SDYO-0160	KDYO-0160	16	4200 X 0,07	5,7	16
SDYO-0250	KDYO-0250	25	3192 X 0,10	7,5	25
SDYO-0350	KDYO-0350	35	4480 X 0,10	9	35
SDYO-0500	KDYO-0500	50	6383 X 0,10	11	50
SDYO-0700	KDYO-0700	70	8918 X 0,10	13	70
SDYO-0950	KDYO-0950	95	12100 X 0,10	15	100
SDYO-1200	KDYO-1200	120	15300 X 0,10	17	127
SDYO-1500	KDYO-1500	150	19152 X 0,10	19	158
SDYO-1850	KDYO-1850	185	23580 X 0,10	21	194
SDYO-2400	KDYO-2400	240	30600 X 0,10	23,5	247
SDYO-3000	KDYO-3000	300	38200 X 0,10	27,5	310
SDYO-4000	KDYO-4000	400	50960 X 0,10	33	410
SDYO-5000	-	500	64288 X 0,10	38	508
SDYO-6000	-	600	76832 X 0,10	43	600
SDYO-7500	-	750	95648 X 0,10	46	750
SDYO-8500	-	850	108976 X 0,10	48	850
SDYO-1000	-	1000	128576 X 0,10	54	1010

Technical data

material
* annealed Cu ETP1 wires
* uncoated or tinned
* wire 0,05 mm ----- 1 mm²
* wire 0,07 mm ----- 1,5 mm² - 16 mm²
* wire 0,10 mm ----- 25 mm² - 1000 mm²

delivery
* plastic reels, in rings, on spools or wooden drums



Silex
ul. Skłodowskiej 12
tel.: +48 68 385 2845
email: biuro@silexsc.com.pl

PLECIONKI MIEDZIANE
66-100 Sulechów
tel. kom.: +48 508 354 588
www.plecionkimiedziane.pl

► **Highly flexible round braided copper cables**



Construction and application

These braids are manufactured from annealed or tinned Cu-ETP1 wires according to DIN EN 13602. The wires are bunched together after the needed cross-section is calculated. Unlike the flexible braided tapes, bunches of wires are braided with machines that have 8/12 carries so that they have a round shape.

UNCOATED Part-No	TINNED Part-No	Cross sec. mm ²	Construction diameter and no. of wires	outer dia. mm	Weight kg/100m
STYO-0035-05	KTYO-0035-05	0,35	8 X 23 - 0,05	0,95	0,35
STYO-0050-05	KTYO-0050-05	0,5	8 X 32 - 0,05	1,1	0,5
STYO-0075-05	KTYO-0075-05	0,75	8 X 48 - 0,05	1,35	0,75
STYO-0100-05	KTYO-0100-05	1	8 X 64 - 0,05	1,6	1
STYO-0150-07	KTYO-0150-07	1,5	12 X 33 - 0,07	1,9	1,5
STYO-0200-07	KTYO-0200-07	2	12 X 44 - 0,07	2,2	2
STYO-0250-07	KTYO-0250-07	2,5	12 X 54 - 0,07	2,4	2,5
STYO-0300-07	KTYO-0300-07	3	12 X 65 - 0,07	2,7	3
STYO-0400-07	KTYO-0400-07	4	12 X 86 - 0,07	3,1	4
STYO-0600-07	KTYO-0600-07	6	12 X 130 - 0,07	4	6
STYO-0800-07	KTYO-0800-07	8	12 X 174 - 0,07	4,5	8
STYO-1000-07	KTYO-1000-07	10	12 X 217 - 0,07	5	10
STYO-1200-07	KTYO-1200-07	12	12 X 260 - 0,07	5,5	12
STYO-1600-10	KTYO-1600-10	16	12 X 170 - 0,10	6,3	16
STYO-2100-10	KTYO-2100-10	21	12 X 223 - 0,10	7,2	21
STYO-2500-10	KTYO-2500-10	25	12 X 266 - 0,10	7,9	25
STYO-3500-16	KTYO-3500-16	35	12 X 145 - 0,16	9,7	35
STYO-5000-16	KTYO-5000-16	50	12 X 207 - 0,16	12	50
STYO-7000-16	KTYO-7000-16	70	12 X 290 - 0,16	14,5	70
STYO-9500-16	KTYO-9500-16	95	12 X 394 - 0,16	17	95

Technical data

material
* 0,05 mm - 0,16 mm annealed Cu ETP1 wires
* uncoated or tinned

delivery
* plastic reels, in rings, on spools or wooden drums