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► Braided copper tapes - highly flexible

Tecnical data

material

* 0,05 - 0,07 - 0,10 mm annealed Cu ETP1 wires
uncoated or tinned

delivery

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

UNCOATED Part-No	TINNED Part-No	Cross sec. mm ²	wire dia. mm	Construction number of wires	width thickness mm	Weight kg/100m
SFO-0010-05	KFO-0010-05	1	0,05	16 x 32	3,2 x 0,7	1,50
SFO-0015-07	KFO-0015-07	1,5	0,07	16 x 25	4 x 1	1,70
SFO-0020-07	KFO-0020-07	2	0,07	16 x 33	5 x 0,8	2,20
SFO-0025-07	KFO-0025-07	2,5	0,07	24 x 27	5,8 x 1	2,70
SFO-0040-07	KFO-0040-07	4	0,07	24 x 43	8,2 x 1	4,25
SFO-0060-07	KFO-0060-07	6	0,07	24 x 66	10 x 1	6
SFO-0080-07	KFO-0080-07	8	0,07	24 x 88	12 x 1,1	8
SFO-0100-07	KFO-0100-07	10	0,07	24 x 109	13,8 x 1,3	10
SFO-0160-10	KFO-0160-10	16	0,10	24 x 85	18 x 2	16
SFO-0250-10	KFO-0250-10	25	0,10	24 x 135	20 x 2,4	25
SFO-0350-10	KFO-0350-10	35	0,10	32 x 139	26 x 2,3	35
SFO-0500-10	KFO-0500-10	50	0,10	48 x 133	33 x 2,8	50
SFO-0700-10	KFO-0700-10	70	0,10	48 x 186	38 x 3	70
SFO-0950-10	KFO-0950-10	95	0,10	48 x 256	45 x 4,5	95
SFO-1200-10	KFO-1200-10	120	0,10	48 x 320	50 x 4,5	120
SFO-1400-10	KFO-1400-10	140	0,10	48 x 373	55 x 5,3	140
SFO-1680-10	KFO-1680-10	168	0,10	48 x 446	70 x 4,5	168

► Braided copper tapes - flexible

Tecnical data

material

* 0,16 - 0,20 mm annealed Cu ETP1 wires uncoated or tinned

insulation

* noninsulated or PVC insulated

delivery

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

UNCOATED Part-No	TINNED Part-No	Cross sec. mm ²	wire dia. mm	Construction number of wires	width thickness mm	Weight kg/100m
SO-0100-16	KO-0100-16	10	0,16	24 X 13	13 x 1,2	10
SO-0140-16	KO-0140-16	14	0,16	24 X 29	18 x 1,5	14
SO-0160-16	KO-0160-16	16	0,16	24 X 34	20 x 1,6	16
SO-0210-16	KO-0210-16	21	0,16	24 X 44	22 x 2	21
SO-0250-16	KO-0250-16	25	0,16	24 X 52	22 x 2,5	25
SO-0350-16	KO-0350-16	35	0,16	32 X 54	24 x 3	35
SO-0500-16	KO-0500-16	50	0,16	32 X 78	30 x 3,4	50
SO-0700-16	KO-0700-16	70	0,16	48 X 72	35 x 4,5	70
SO-0100-20	KO-0100-20	10	0,20	32 X 10	14 x 1,3	10
SO-0140-20	KO-0140-20	14	0,20	32 X 14	15 x 1,6	14
SO-0160-20	KO-0160-20	16	0,20	32 X 16	17 x 1,6	16
SO-0210-20	KO-0210-20	21	0,20	32 X 21	19 x 2,1	21
SO-0250-20	KO-0250-20	25	0,20	32 X 25	20 x 2,6	25
SO-0350-20	KO-0350-20	35	0,20	32 X 35	24 x 3	35
SO-0500-20	KO-0500-20	50	0,20	48 X 33	33 x 3,2	50
SO-0700-20	KO-0700-20	70	0,20	48 X 47	35 x 4,5	70

Construction and application

These tapes are manufactured from annealed or tinned Cu-ETP1 wires (from 0,05mm to 0,10mm diameter) according to DIN EN 13602 as flat rolled tubes.

It is also possible to produce these braids according to your wishes. These braids are mainly used as highly flexible components for earthing, lightning protection as well as parts to manufacture highly flexible current connectors.



Construction and application

The principal difference compared to highly flexible ones is the stronger wires (0,16mm or 0,20mm) that are used.

They are used where you do not need special flexibility as ground braiding tapes for batteries. Our ready assembled earthing tapes are also manufactured from these tapes. Bigger cross-section are available on request.



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► Round stranded copper cables

UNCOATED Part-No	TINNED Part-No	Cross sec. mm ²	Construction wire dia. mm	outer dia. mm	Weight kg/100m
SBO-0060	KBO-0060	6		4	6
SBO-0100	KBO-0100	10		4,5	10
SBO-0160	KBO-0160	16		5,8	16
SBO-0250	KBO-0250	25		7,5	25
SBO-0350	KBO-0350	35		9	35
SBO-0500	KBO-0500	50		11	50
SBO-0700	KBO-0700	70		13	70
SBO-0950	KBO-0950	95		15	95
SBO-1200	KBO-1200	120		17	120
SBO-1500	KBO-1500	150		19	150
SBO-1850	KBO-1850	185		21	185
SBO-2400	KBO-2400	240		22,5	240
SBO-3000	KBO-3000	300		25,5	300
SBO-4000	KBO-4000	400		33,5	400
SBO-5000	KBO-5000	500		38	500

► Round stranded cables with overall copper braids - similar to DIN 46440

UNCOATED Part-No	Cross sec. mm ²	Construction number of wires x diameter ro. stranded	diameter of cable mm	Weight kg/100m
SFYO-0010	1	266 x 0,05	64 x 0,10	1,5
SFYO-0015	1,5	525 x 0,05	64 x 0,10	2
SFYO-0025	2,5	651 x 0,007	64 x 0,10	2,9
SFYO-0040	4	1036 x 0,007	64 x 0,10	3,6
SFYO-0060	6	1575 x 0,007	96 x 0,10	4,5
SFYO-0080	8	2058 x 0,007	96 x 0,10	5
SFYO-0100	10	2562 x 0,007	128 x 0,10	5,5
SFYO-0160	16	4116 x 0,007	192 x 0,10	7
SFYO-0250	25	3234 x 0,10	192 x 0,10	8,9
SFYO-0350	35	4508 x 0,10	240 x 0,10	10,5
SFYO-0500	50	6468 x 0,10	360 x 0,10	12,5
SFYO-0700	70	8967 x 0,10	360 x 0,10	14,7
SFYO-0950	95	12201 x 0,10	360 x 0,10	16,5
SFYO-1200	120	15435 x 0,10	360 x 0,10	19

Tecnical data

material: *0,15 mm - 0,85 mm annealed Cu ETP1 wires

*uncoated or tinned

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

Construction and application

These cables are manufactured out of wires that have a stronger diameters than 0,10 mm. They can be used for all applications where you need more mechanical stability than higher flexibility.



Tecnical data

material: *0,05 - 0,07 - 0,10 mm annealed Cu ETP1 wires

*uncoated

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

Construction and application

These cables are a combination of an inner stranded cable that has an outer tubular braid to provide a higher mechanical stability. The overall tubular braid keeps the cable together against a probable decay caused by serial movements. The overall tubular braid provides also a higher cross-section than the nominal value.



► Tubular braids for covering and shielding

UNCOATED Part-No	TINNED Part-No	Cross sec. mm ²	Construction diameter and no. of wires	outer dia. (mm) min-max
STO-0025-10	KTO-0025-10	0,25	16 X 2 - 0,10	0,7 - 3
STO-0038-10	KTO-0038-10	0,38	16 X 3 - 0,10	0,8 - 3
STO-0050-10	KTO-0050-10	0,50	16 X 4 - 0,10	1,0 - 4
STO-0088-10	KTO-0088-10	0,88	16 X 7 - 0,10	1,5 - 6
STO-0132-10	KTO-0132-10	1,32	24 X 7 - 0,10	2,8 - 8
STO-0198-10	KTO-0198-10	1,98	36 X 7 - 0,10	4,0 - 12
STO-0310-10	KTO-0310-10	3,10	36 X 11 - 0,10	6,0 - 14
STO-0530-20	KTO-0530-20	5,30	24 X 7 - 0,20	5,0 - 10
STO-0680-20	KTO-0680-20	6,80	24 X 9 - 0,20	6,5 - 14
STO-0790-20	KTO-0790-20	7,90	36 X 7 - 0,20	8,5 - 25
STO-1020-20	KTO-1020-20	10,20	36 X 9 - 0,20	10,0 - 27
STO-1245-20	KTO-1245-20	12,45	36 X 11 - 0,20	12,0 - 29
STO-1530-30	KTO-1530-30	15,30	24 X 9 - 0,30	14,0 - 50
STO-3580-30	KTO-3580-30	35,80	36 X 14 - 0,30	25,0 - 70
STO-5110-30	KTO-5110-30	51,10	48 X 15 - 0,30	25,0 - 90

Tecnical data

material: *0,10 - 0,30 mm annealed Cu ETP1 wires

*uncoated or tinned

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

Construction and application

We produce tubular braids for covering your conductors and shielding your cables against interferences to realize a safe data transfer. Our wide range of diameter choices provides you a simple coordination by applying on your items. We can also produce special designs in diameters according to your wishes.

