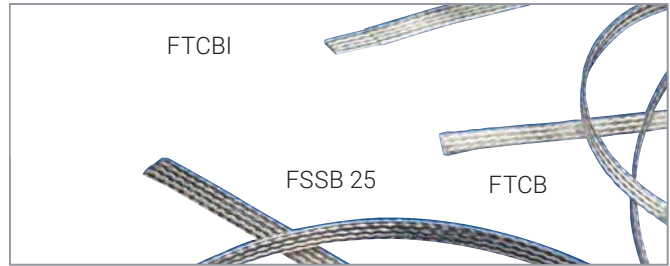
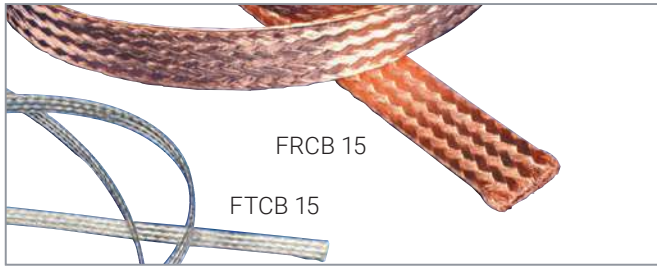


Flat Copper & Stainless Steel Braids (FTCB, FRCB, FSSB & FTCBI)



FTCB 15 FLAT TINNED COPPER BRAIDS



- Standard wire diameter: 0,15 mm
- 25 m coils

Part No.	Description	Section mm ²	mm	Number of Wire	Nominal Current A		Kg
557200	FTCB 15-3	3	5x1	168	30	25 m	0,03
557210	FTCB 15-5	5	8x1	288	45	25 m	0,05
557220	FTCB 15-8	8	8x1,5	456	65	25 m	0,08
557230	FTCB 15-10	10	10x1,5	576	75	25 m	0,10
557240	FTCB 15-16	16	15x1,5	896	120	25 m	0,16
557250	FTCB 15-20	20	20x1,5	1120	140	25 m	0,20
557260	FTCB 15-25	25	19,5x1,9	1404	150	25 m	0,25
557270	FTCB 15-30	30	23x2,0	1692	180	25 m	0,30
557280	FTCB 15-35	35	23x2,5	1980	200	25 m	0,35
557290	FTCB 15-40	40	25x2,5	2272	220	25 m	0,40
557300	FTCB 15-50	50	28x3	2848	250	25 m	0,50
557310	FTCB 15-60	60	30x3	3392	280	25 m	0,60
557320	FTCB 15-70	70	30x3,5	3968	290	25 m	0,70
557330	FTCB 15-75	75	30x4	4256	300	25 m	0,75
557350	FTCB 15-100	100	40x4	5664	360	25 m	1,00

FRCB 15 FLAT PLAIN COPPER BRAIDS

- Standard wire diameter: 0,15 mm
- 25 m coils

Part No.	Description	Section mm ²	mm	Number of Wire	Nominal Current A		Kg
557010	FRCB 15-5	5	8x1	288	45	25 m	0,05
557030	FRCB 15-10	10	10x1,5	576	75	25 m	0,10
557040	FRCB 15-16	16	15x1,5	896	120	25 m	0,16
557060	FRCB 15-25	25	23x1,5	1404	150	25 m	0,25
557080	FRCB 15-35	35	23x2,5	1980	200	25 m	0,35
557090	FRCB 15-40	40	25x2,5	2272	220	25 m	0,40
557100	FRCB 15-50	50	28x3	2848	250	25 m	0,50
557130	FRCB 15-75	75	30x4	4256	300	25 m	0,75
557150	FRCB 15-100	100	40x4	5664	360	25 m	1,00

FTCBI INSULATED FLAT TINNED COPPER BRAIDS

- Insulation in clear PVC, thickness 1 mm, self-extinguishing UL 94-VO
- Standard wire diameter: 0,15 mm
- 25 m coils
- Insulation voltage: 450 V
- Working temperature: up to 70°C

Part No.	Description	Section mm ²	mm	Number of Wire	Nominal Current A		Kg
510300	FTCBI 16	16	17x3,5	896	120	25 m	0,18
510310	FTCBI 25	25	24,5x5,9	1404	150	25 m	0,29
510340	FTCBI 50	50	30x5	2848	250	25 m	0,60

FTCB 20 FLAT TINNED COPPER BRAIDS



- Standard wire diameter: 0,20 mm
- Extra long reels

Part No.	Description	Section mm ²	mm	Number of Wire	Nominal Current A		Kg
503510	FTCB 20-5	5	8x1	168	45	500 m	0,05
503520	FTCB 20-10	10	10x1,5	312	75	150 m	0,10
503530	FTCB 20-16	16	15x2	512	120	150 m	0,16
503540	FTCB 20-25	25	19,5x1,9	792	150	100 m	0,25

FSSB 25 STAINLESS STEEL FLAT BRAIDS



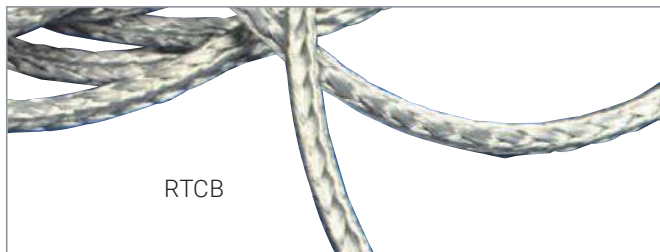
- Standard wire diameter: 0,25 mm
- Stainless steel 316L

Part No.	Description	Section mm ²	mm		Kg
557160	FSSB 25-16 ²	16	15x1,5	25 m	0,14
557170	FSSB 25-25 ²	25	23x1,5	25 m	0,22
557390	FSSB 25-50 ²	50	30x3	25 m	0,44

Round & Tubular Copper Braids (RTCB, RRCB, RRCT, TTCE)

- A large range of braids
- Bare or insulated

- Tubulars for shielding
- Stainless steel for corrosive environment



RTCB / RTCB HL TINNED COPPER ROUND BRAIDS

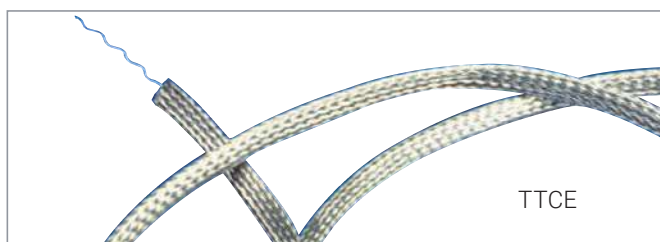


RRCB PLAIN COPPER ROUND BRAIDS

Part No.	Description	Section mm ²	External dia in mm	Number of Wire	Nominal Current A		Kg
557600	RTCB 15-6	6	4	352	45	25 m	0,06
557610	RTCB 15-8	8	4,5	464	65	25 m	0,08
557620	RTCB 15-10	10	5	560	75	25 m	0,10
557630	RTCB 15-16	16	6	900	120	25 m	0,16
557640	RTCB 15-25	25	8	1416	150	25 m	0,25
557650	RTCB 15-30	30	9	1680	180	25 m	0,30
557660	RTCB 15-50	50	11	2820	250	25 m	0,50
557670	RTCB 15-75	75	13,5	4236	300	25 m	0,75
557680	RTCB 15-100	100	17	5652	360	25 m	1,00
Standard wire diameter 0,15 mm - Extra long reels							
503700	RTCB 15-10/HL	10	5	560	75	100 m	0,100
503710	RTCB 15-16/HL	16	6	900	120	100 m	0,160
503720	RTCB 15-25/HL	25	7,5	1416	150	100 m	0,250

- Standard wire diameter: 0,15 mm
- 25 m coils

Part No.	Description	Section mm ²	External dia in mm	Number of Wire	Nominal Current A		Kg
557400	RRCB 15-6	6	4	352	45	25 m	0,06
557420	RRCB 15-10	10	5	560	75	25 m	0,10
557430	RRCB 15-16	16	6	900	120	25 m	0,16
557440	RRCB 15-25	25	8	1416	150	25 m	0,25
557450	RRCB 15-30	30	9	1680	180	25 m	0,30
557460	RRCB 15-50	50	11	2820	250	25 m	0,50
557470	RRCB 15-75	75	14	4236	300	25 m	0,75
557480	RRCB 15-100	100	18	5652	360	25 m	1,00



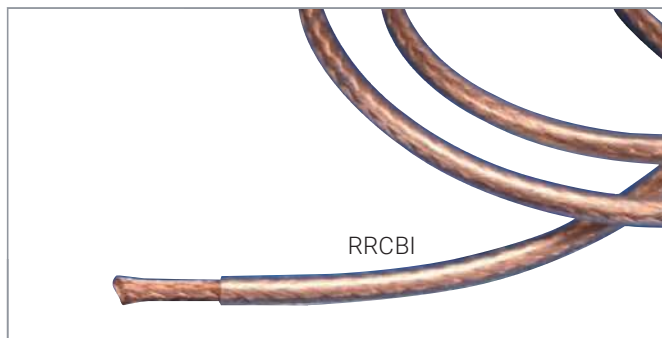
TTCE TINNED COPPER TUBULAR BRAIDS

- For screening connecting cables between equipment used in an electromagnetically disturbed environment.
- Supplied with draw wire

Part No.	Description	Section mm ²	Diameter mm				Number of Wire	Ø wires mm	Nominal Current A		Kg
			Int.	Covering %	Exp.	Covering %					
510100	TTCE 3	1,7	3	100%	6	90%	96	0,15	13	50 m	0,020
510110	TTCE 5	2,5	5	99%	10	92%	144	0,15	19	50 m	0,026
510120	TTCE 8	4,45	8	99%	16	95%	252	0,15	37	50 m	0,050
510130	TTCE 10	5,7	10	100%	20	92%	320	0,15	43	50 m	0,054
510140	TTCE 15	12	15	100%	25	94%	334	0,15	90	50 m	0,120
510150	TTCE 20	20,4	20	99%	40	87%	288	0,30	122	50 m	0,190
510160	TTCE 25	27,1	25	99%	50	92%	384	0,30	163	25 m	0,270
510170	TTCE 30	33,9	30	100%	60	90%	480	0,30	185	25 m	0,320
510180	TTCE 35	40,7	35	100%	70	94%	576	0,30	244	25 m	0,380

The primary use of tubular braid is to provide sensitive cables with an EMC/EMI screen to shield them against electromagnetic, electrostatic and radio frequency interference. Optimum screening performance is obtained using copper wire braid that can also be used for earth continuity purposes.

Round Copper Braids (RRCBI & RTCBI)



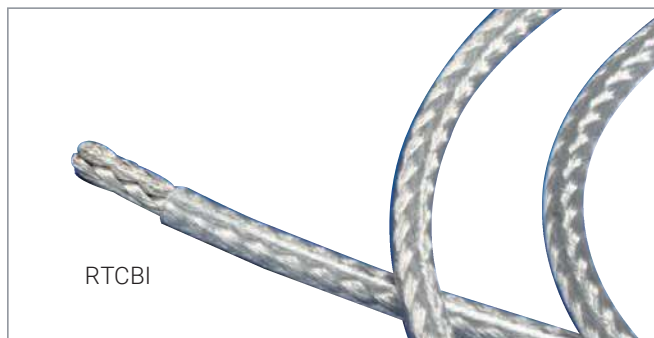
RRCBI INSULATED PLAIN COPPER ROUND BRAIDS

- Insulation in clear PVC, thickness 1 mm, self-extinguishing UL 94 - VO
- Standard wire diameter: 0,15 mm
- Insulation voltage: 450 V
- Working temperature: up to 70°C

Part No.	Description	Section mm ²	External dia in mm	Number of Wire	Nominal Current A	 25 m	 Kg
510500	RRCBI 15-10	10	7	560	75	25 m	0,10
510510	RRCBI 15-16	16	8	900	120	25 m	0,16

ON REQUEST SPECIAL MANUFACTURING:

- Tubular braids up to 60 mm diameter maximum
- Flat or round copper braids up to 400 mm² maximum
- Insulation 105°C



RTCBI / RTCBI HL INSULATED ROUND TINNED COPPER BRAIDS

- Insulation in clear PVC, thickness 1 mm, self-extinguishing UL 94 - VO
- Standard wire diameter: 0,15 mm
- 25 m coils
- Insulation voltage: 450 V
- Working temperature: up to 70°C

Part No.	Description	Section mm ²	mm	Number of Wire	Nominal Current A	 25 m	 Kg
503400	RTCBI 15-10	10	7	560	75	25 m	0,12
503410	RTCBI 15-16	16	8	900	120	25 m	0,18
503420	RTCBI 15-25	25	9,5	1416	150	25 m	0,25
503430	RTCBI 15-30	30	10	1680	180	25 m	0,35
503440	RTCBI 15-50	50	12,5	2820	250	25 m	0,58



Make Your Own Braided Connections



BD

CRIMP AND DRILL TOOL

- This tool has been developed by nVent ERIFLEX specifically for crimping and drilling of braid terminals. Guide and specially adapted drill bit included.

Part No.	Description	For Flat	Ø Drill Bit	Bolt		Kg
558610	BD 16	FTCB or FRCB 15-16	6,5	M6	1	0,653
558640	BD 16-8,5	FTCB or FRCB 15-16	8,5	M8	1	0,653
558620	BD 25	FTCB or FRCB 15-25	11	M10	1	0,678
558630	BD 50	FTCB or FRCB 15-50	12,5	M126	1	0,712

HCT 3-4

CRIMPING TOOL FOR HYDRAULIC WORK CENTER

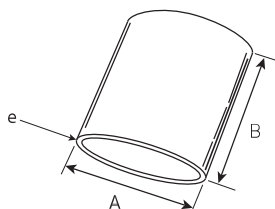
- This package allows to crimp lugs PB16, PB25 and PB50 on braids with the hydraulic nVent ERIFLEX Puncher.

Part No.	Description		Kg
545980	HCT 3-4	1	1,850

PB

LUGS FOR FLAT BRAIDS (FTCB OR FRCB)

- In tinned annealed copper



Part No.	Description	For Flat	A	B	e		Kg
557180	PB 16	FTCB or FRCB 15-16	16	15	1	100	0,004
557190	PB 25	FTCB or FRCB 15-25	22	25	1	100	0,010
557380	PB 50	FTCB or FRCB 15-50	30	30	1	100	0,017

ABOUT ELECTROMAGNETIC COMPATIBILITY

In an environment where electromagnetic disturbances are more and more numerous, the ElectroMagnetic Compatibility (EMC) is increasingly important in the design and building of electrical panels.

In order to avoid stray currents, it is necessary that all the metallic framework, inside the panel or outside, is at the same electrical potential. Thus, it is essential to link all these metal parts with connections presenting a low impedance at High Frequency (H.F.).

Connections with cables are not efficient. Only short and flat conductors are. Their H.F. impedances are 10 times lower than the wire impedances.

