COPPER
Isoflexx & Ultraflexx

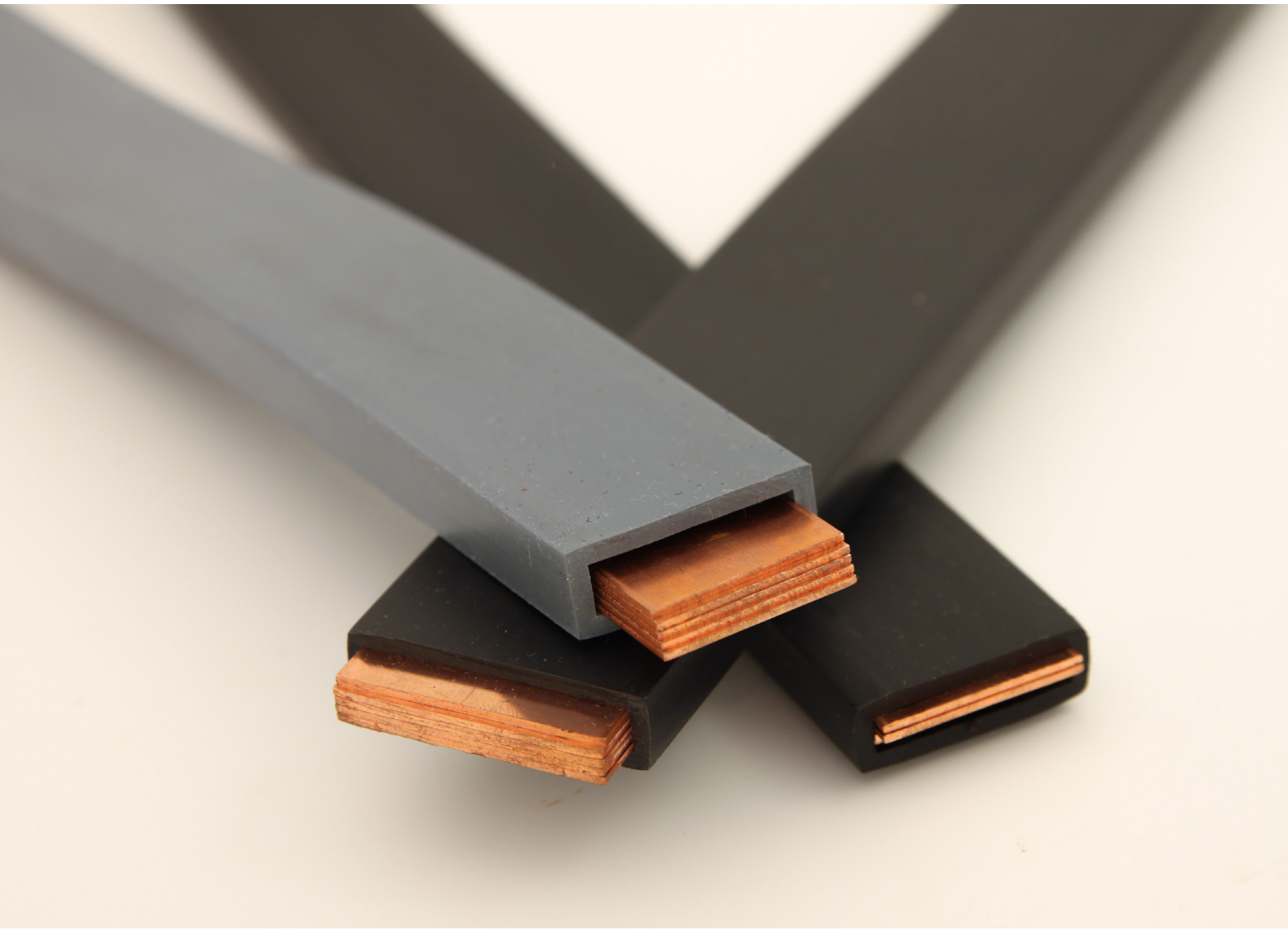
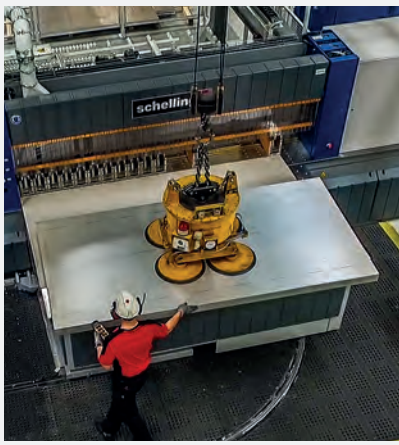


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ABOUT ALUMECO GROUP



Alumeco is a global wholesaler, founded in 1983 with headquarters in Odense, Denmark.

Alumeco Group offers a wide range of aluminium, stainless steel, copper, brass, bronze and other metals to meet all your metal needs. We offer both standardized and customized products, and we are ready to support you from idea to finished product.

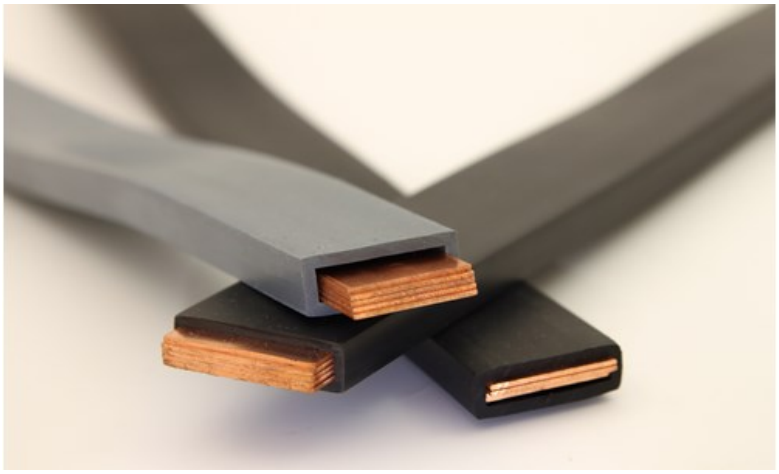
SUBSIDIARIES

- Alumeco A/S
- Alumeco NL B.V.
- Alumeco Norge AS
- Alumeco Sverige AB
- Alumeco CZ s.r.o.
- UAB Alumeco Baltic
- Alumeco Finland OY Ab
- Metalcenter Group OY Ab
- Alumeco Austria GmbH
- Alumeco Service GmbH
- Metallcenter West GmbH
- Alcobra GmbH
- Metalcenter Group GmbH
- Aluteam-Alumeco Sp. z o.o.
- Alumeco Metal Products (Jiangmen) Co.,Ltd.

1028 (2023)
Employees

878 (2023)
mio. EUR

40.000
m^2 stock



ISOFLEXX®

ISOFLEXX® CONSISTS OF SEVERAL LAYERS OF COPPER SLATS PROTECTED BY PVC PLASTIC (ISOFLEX® CLASSIC), ENVIRONMENTALLY FRIENDLY, HALOGEN-FREE, SILICONE (ISOFLEXX® PREMIUM) OR SANTOPRENE, HALOGEN-FREE PLASTIC (ISOFLEXX® SUPREME). THE SMALLER SLATS AND THE INSULATING PLASTIC MAKE ISOFLEXX® VERY FLEXIBLE AND EASY TO BEND AND TWIST. ALL STOCK IS 2000MM LENGTHS.

All stated weights are theoretical which may vary | For inventory status see alumeco.com
All materials marked with bold are standard stock material

ISOFLEXX® CW004A, CU-ETP

Width x Height x Thickness (mm)	Weight (kg)	Width x Height x Thickness (mm)	Weight (kg)	Width x Height x Thickness (mm)	Weight (kg)
20 x 5 x 1 mm	1.78	50 x 5 x 1 mm	4.45	80 x 8 x 1 mm	11.39
24 x 5 x 1 mm	2.14	40 x 10 x 1 mm	7.12	80 x 10 x 1 mm	14.24
20 x 10 x 1 mm	3.56	50 x 8 x 1 mm	7.12	100 x 5 x 1 mm	8.90
24 x 10 x 1 mm	4.27	53 x 5 x 1 mm	5.61	100 x 8 x 1 mm	14.24
32 x 5 x 1 mm	2.85	50 x 10 x 1 mm	8.90	100 x 10 x 1 mm	17.80
40 x 5 x 1 mm	3.56	63 x 8 x 1 mm	8.97	120 x 8 x 1 mm	17.09
32 x 10 x 1 mm	5.70	63 x 10 x 1 mm	11.21	100 x 12 x 1 mm	21.36
40 x 8 x 1 mm	5.70	80 x 5 x 1 mm	7.12	120 x 10 x 1 mm	21.36

ISOFLEXX® CW004A, CU-ETP

Width x Height x Thickness (mm)	Weight (kg)	Width x Height x Thickness (mm)	Weight (kg)	Width x Height x Thickness (mm)	Weight (kg)
9 x 3 x 0.8 mm	0.38	**24 x 4 x 1 mm**	**1.71**	**40 x 10 x 1 mm**	**7.12**
9 x 6 x 0.8 mm	0.77	**24 x 5 x 1 mm**	**2.14**	**50 x 8 x 1 mm**	**7.12**
9 x 9 x 0.8 mm	1.15	**32 x 3 x 1 mm**	**1.71**	**63 x 5 x 1 mm**	**5.61**
13 x 3 x 0.5 mm	0.35	**24 x 6 x 1 mm**	**2.56**	**50 x 10 x 1 mm**	**8.90**
13 x 6 x 0.5 mm	0.69	**32 x 4 x 1 mm**	**2.28**	63 x 6 x 1 mm	6.73
16 x 4 x 0.8 mm	**0.88**	20 x 10 x 1 mm	3.56	63 x 8 x 1 mm	8.97
16 x 6 x 0.8 mm	**1.32**	**24 x 8 x 1 mm**	**3.42**	63 x 10 x 1 mm	11.21
20 x 2 x 1 mm	0.71	**24 x 10 x 1 mm**	**4.27**	80 x 4 x 1 mm	5.70
20 x 3 x 1 mm	**1.07**	**32 x 5 x 1 mm**	**2.85**	80 x 5 x 1 mm	7.12
20 x 4 x 1 mm	**1.42**	**32 x 6 x 1 mm**	**3.42**	80 x 6 x 1 mm	7.12
24 x 2 x 1 mm	**0.85**	**40 x 5 x 1 mm**	**3.56**	80 x 8 x 1 mm	11.39
24 x 3 x 1 mm	**1.28**	**32 x 8 x 1 mm**	**4.56**	80 x 10 x 1 mm	14.24
32 x 2 x 1 mm	1.14	**32 x 10 x 1 mm**	**5.70**	100 x 5 x 1 mm	8.90
16 x 10 x 0.8 mm	2.21	40 x 8 x 1 mm	5.70	100 x 8 x 1 mm	14.24
20 x 5 x 1 mm	1.78	**50 x 5 x 1 mm**	**4.45**	100 x 10 x 1 mm	17.80
20 x 6 x 1 mm	2.14	35 x 10 x 1 mm	6.23	100 x 12 x 1 mm	21.36



ULTRAFLEXX®

ULTRAFLEXX® BRAIDED COPPER RAILS. MADE OF HIGH QUALITY ELECTROLYTIC COPPER, WITH HIGH CONDUCTIVITY. THE WIRE DIAMETER OF MAX 0.15MM MAKES THIS PRODUCT VERY FLEXIBLE, WHICH MAKES ULTRAFLEXX® EASY AND QUICK TO INSTALL. NO ADDITIONAL TRANSITION RESISTANCE, LOWER POWER LOSS AND REDUCED VOLTAGE LOSS. NO CORROSION AND THEREFORE NO DETERIORATION OF CONNECTION RESISTANCE OVER TIME. WITH HALOGEN FREE INSULATION.

All stated weights are theoretical which may vary | For inventory status see alumeco.com
All materials marked with bold are standard stock material

ULTRAFLEXX® CW004A, CU-ETP

Cross Section (mm2) m^2 x FlexxLength (LA) (mm)	Weight (kg)	Cross Section (mm2) m^2 x FlexxLength (LA) (mm)	Weight (kg)	Cross Section (mm2) m^2 x FlexxLength (LA) (mm)	Weight (kg)
25 mm^2 x 150 mm	**0.04**	**50 mm^2 x 750 mm**	**0.38**	120 mm^2 x 350 mm	0.44
25 mm^2 x 200 mm	**0.06**	**50 mm^2 x 800 mm**	**0.41**	120 mm^2 x 400 mm	0.50
25 mm^2 x 250 mm	**0.07**	**50 mm^2 x 850 mm**	**0.43**	120 mm^2 x 450 mm	0.56
25 mm^2 x 300 mm	**0.08**	**50 mm^2 x 900 mm**	**0.46**	120 mm^2 x 500 mm	0.62
25 mm^2 x 350 mm	**0.09**	**50 mm^2 x 950 mm**	**0.48**	**120 mm^2 x 550 mm**	**0.68**
25 mm^2 x 400 mm	**0.11**	**50 mm^2 x 1000 mm**	**0.51**	120 mm^2 x 600 mm	0.74
25 mm^2 x 450 mm	**0.12**	50 mm^2 x 1100 mm	0.56	120 mm^2 x 650 mm	0.80
25 mm^2 x 500 mm	**0.13**	**50 mm^2 x 1150 mm**	**0.59**	120 mm^2 x 700 mm	0.86
25 mm^2 x 550 mm	**0.14**	**50 mm^2 x 1300 mm**	**0.66**	120 mm^2 x 750 mm	0.92
25 mm^2 x 600 mm	**0.16**	**100 mm^2 x 150 mm**	**0.17**	120 mm^2 x 800 mm	0.98
25 mm^2 x 650 mm	**0.17**	**100 mm^2 x 200 mm**	**0.22**	120 mm^2 x 850 mm	1.04
25 mm^2 x 700 mm	**0.18**	**100 mm^2 x 250 mm**	**0.27**	120 mm^2 x 900 mm	1.10
25 mm^2 x 750 mm	0.19	**100 mm^2 x 300 mm**	**0.32**	120 mm^2 x 950 mm	1.16
25 mm^2 x 800 mm	**0.21**	**100 mm^2 x 350 mm**	**0.37**	120 mm^2 x 1000 mm	1.22
25 mm^2 x 850 mm	**0.22**	**100 mm^2 x 400 mm**	**0.42**	240 mm^2 x 150 mm	0.40
25 mm^2 x 900 mm	**0.23**	**100 mm^2 x 450 mm**	**0.47**	240 mm^2 x 200 mm	0.52
25 mm^2 x 950 mm	**0.24**	**100 mm^2 x 500 mm**	**0.52**	240 mm^2 x 250 mm	0.64
25 mm^2 x 1000 mm	**0.26**	**100 mm^2 x 550 mm**	**0.57**	240 mm^2 x 300 mm	0.76
25 mm^2 x 1100 mm	0.26	**100 mm^2 x 600 mm**	**0.62**	240 mm^2 x 350 mm	0.88
25 mm^2 x 1150 mm	**0.28**	100 mm^2 x 650 mm	0.67	240 mm^2 x 400 mm	1.00
50 mm^2 x 150 mm	**0.08**	**100 mm^2 x 700 mm**	**0.72**	**240 mm^2 x 450 mm**	**1.12**
50 mm^2 x 200 mm	**0.11**	**100 mm^2 x 750 mm**	**0.77**	**240 mm^2 x 500 mm**	**1.24**
50 mm^2 x 250 mm	**0.13**	**100 mm^2 x 800 mm**	**0.82**	**240 mm^2 x 550 mm**	**1.36**
50 mm^2 x 300 mm	**0.16**	**100 mm^2 x 850 mm**	**0.87**	240 mm^2 x 600 mm	1.48
50 mm^2 x 350 mm	**0.18**	**100 mm^2 x 900 mm**	**0.92**	**240 mm^2 x 650 mm**	**1.60**
50 mm^2 x 400 mm	**0.21**	**100 mm^2 x 950 mm**	**0.97**	**240 mm^2 x 700 mm**	**1.72**
50 mm^2 x 450 mm	**0.23**	**100 mm^2 x 1000 mm**	**1.02**	240 mm^2 x 750 mm	1.84
50 mm^2 x 500 mm	**0.26**	**100 mm^2 x 1150 mm**	**1.13**	240 mm^2 x 800 mm	1.00
50 mm^2 x 550 mm	**0.28**	120 mm^2 x 150 mm	0.20	**240 mm^2 x 850 mm**	**2.08**
50 mm^2 x 600 mm	**0.31**	120 mm^2 x 200 mm	0.26	240 mm^2 x 900 mm	2.20
50 mm^2 x 650 mm	**0.33**	120 mm^2 x 250 mm	0.32	240 mm^2 x 950 mm	1.00
50 mm^2 x 700 mm	**0.36**	120 mm^2 x 300 mm	0.38	240 mm^2 x 1000 mm	2.44



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