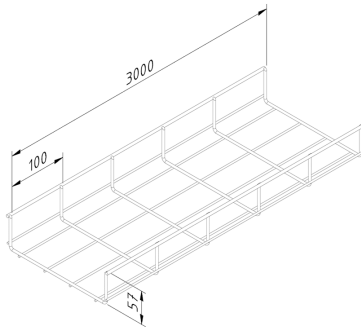


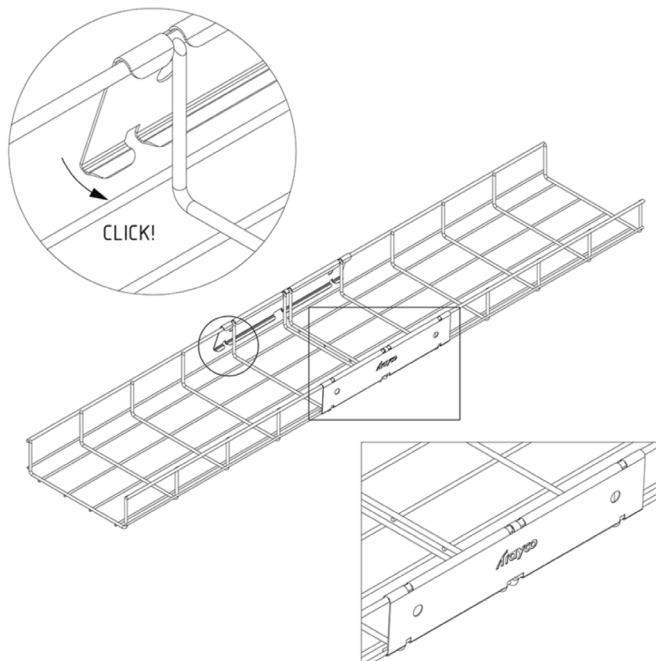
Technical specifications

MTL60-UG (Mesh Tray Light)



Finishing:								
Product	Number	Height (mm)	Width (mm)	Length (mm)	Dim A (mm)	Fmax (kN)	Unit	Packaging (unit)
MTL60-050-3UG	16978	60	50	3000	50		M	3
MTL60-100-3UG	16979	60	100	3000	100		M	3
MTL60-150-3UG	17118	60	150	3000	150		M	3
MTL60-200-3UG	16980	60	200	3000	200		M	3
MTL60-300-3UG	16981	60	300	3000	300		M	3

Mounting instructions:

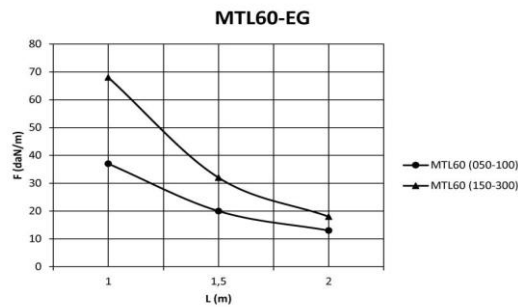


Load capacity:

Standard: IEC61537

Max. load: -

Load diagram:



Werte aus Belastungsprüfungen nach der Norm IEC 61537, Prüftyp II.
Keine Verbindung bei erster und letzter Überspannung, Endspannweite = 0.8xL, MT60-JCL-PG

F = die höchstzulässige Belastung pro Meter in daN/m
L = der Unterstützungsabstand in m

Values from loading tests as per the IEC 61537 standard, test type II.
No connection in the 1st and last span, end span = 0.8xL, MT60-JCL-PG

F = the max. permissible load per metre in daN/m
L = the distance between the supports in m

Information:

Coupler: MT60-JCL-UG

Equipotential bonding: IEC61537

EC declaration: EC directive 2014/35/EU (Low voltage) as modified by directive 93/68/EEC (CE marking)

UG

ULTRA GALVA (UG)

is a high-performant metallic coating which offers an optimum surface protection in a wide variety of aggressive and demanding environments, indoor as well as outdoor. The unique alloy of small amounts of magnesium and/or aluminium in the zinc bath provides ULTRA protection with a self-healing effect. Whilst zinc is essential for cathodic protection, magnesium prevents red rust. The passivation layer that comes on top, creates a seal that slows down the first traces of white rust.

ULTRA GALVA offers a number of advantages compared to the traditional hot dip finishing.

- the passivation layer offers a superior protection level. Hence, ULTRA GALVA, being cathodical, is self-healing in case of scratches, edges or perforations. Compared to hot dip, the articles remain very straight, no deflections appear nor flux or dull spots/ashes.
 - ULTRA GALVA can conveniently be cold-processed without any risk on flakes because of the perfect adhesion of the coating to the metal.
 - No zinc pins appear which enables one to install cables in a fast way avoiding any risk on damages to cables nor injuries of workers.
 - Thanks to the longer life span, ULTRA GALVA does not require ongoing maintenance nor post painting actions.
 - Three times less zinc is being applied compared to hot dip finishing. There is hence a lower impact on natural resources as well as less pollution.
- On top, its production process generates less CO2 emission and ULTRA GALVA is 100% recyclable.

ULTRA GALVA is hence a very valuable environmentally friendly alternative for the traditional stainless steel and hot-dip finishing !

Field of application according to resistance against corrosion:

Corrosion classes according EN ISO 12994

Corrosion class	Atmospheric corrosion	Indoor environment	Outdoor environment	Surface treatments
C1	<0,1µm	Heated buildings with neutral atmospheres: offices, shops, schools, hotels.		Electro-galvanised (EG) EN ISO 2081
C2	0,1 - 0,7µm	Unheated buildings where condensation may occur: sports halls, warehouses, shops.	Rural areas. Atmosphere with low impurities.	Pre-galvanised (PG) EN 10327 – EN 10143
C3	0,7 - 2µm	Production facilities with high moisture levels and some air impurities due to industrial processes: production plants.	City and industrial atmosphere, some impurities, coastal areas with low salt loads.	Dipped-galvanised (DG) EN ISO 1461
C4	2 - 4µm	Production facilities with high moisture levels and high air impurities due to industrial processes: swimming pools, Chemical industry.	Industrial areas and coastal areas with low salt load.	Dipped-galvanised (DG) EN ISO 1461 Polyester coating (CO) EN ISO 12944
C5-I	4 - 8µm	Polyester coating (CO)	Industrial areas with high moisture level and aggressive atmosphere.	Duplex (DU) (Dipped galvanised + Polyester coating) Stainless steel AISI 316L
C5-M	4 - 8µm	EN ISO 12944	Coastal or offshore areas with salt load.	Duplex (DU) (Dipped galvanised + Polyester coating)

Classification for resistance against corrosion according to IEC61537

Class	Reference- Material and Finish
0(a)	None
1	Electroplated to a minimum thickness of 5 µm
2	Electroplated to a minimum thickness of 12 µm
3	Pre-galvanised to grade 275 to EN 10327 and EN 10326
4	Pre-galvanised to grade 350 to EN 10327 and EN 10326
5	Post-galvanised to a zinc mean coating thickness (minimum) of 45 µm according to ISO 1461 for zinc thickness only
6	Post-galvanised to a zinc mean coating thickness (minimum) of 55 µm according to ISO 1461 for zinc thickness only
7	Post-galvanised to a zinc mean coating thickness (minimum) of 70 µm according to ISO 1461 for zinc thickness only
8	Post-galvanised to a zinc mean coating thickness (minimum) of 85 µm according to ISO 1461 for zinc thickness only (usually high silicon steel)
9A	Stainless steel manufactured to ASTM: A 240/A 240M – 95a designation S30400 or EN 10088 grade 1-4301 without a post-treatment (b)
9B	Stainless steel manufactured to ASTM: A 240/A 240M – 95a designation S31603 or EN 10088 grade 1-4404 without a post-treatment (b)
9C	Stainless steel manufactured to ASTM: A 240/A 240M – 95a designation S30400 or EN 10088 grade 1-4301 with a post-treatment (b)
9D	Stainless steel manufactured to ASTM: A 240/A 240M – 95a designation S31603 or EN 10088 grade 1-4404 with a post-treatment (b)
(a) For materials which have no declared corrosion resistance classification.	
(b) The post-treatment process is used to improve the protection against crevice crack corrosion and the contamination by other steels.	