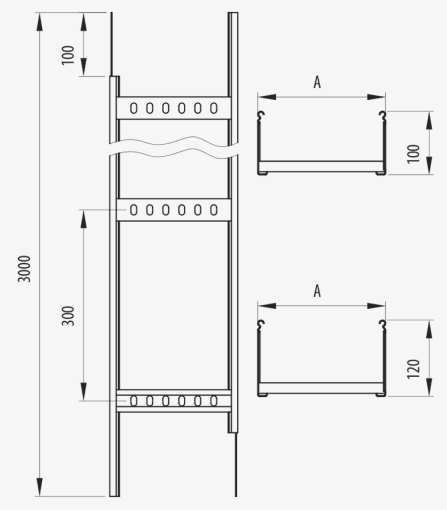
# Megaband 100 120 ( Ref: 92035450 )






## Description

Ladder designed for industrial environments with high loads. Of 120 mm height, Width 450 mm, With GC protection system, HDG finish. The Megaband® ladder consists of welded and alternating rungs, 100 and 120 mm high and safety edge to protect and strengthen the ladder. Assembly using the Click system for quick connection between sections and accessories. Made of steel, in various sizes and Protection Systems. It is supplied in 3 metre sections.

## Advantages

Wide variety of sizes, protection systems and accessories to adapt to the requirements of each electrical installation.

In accordance with IEC 61537 standard. Conforms to NEMA VE-1 standards. CE conformance with directive 2014/35 / EU.

Excellent robotic welding of rungs to the siderails. Maximum load capacity guaranteed.

The rungs are mounted alternately up and down to allow the fixing of the cables.

Joining of ladder using the Click connector system.

## Applications

Channeling, Protection and distribution of cables in Electrical installations in Industrial applications: Power Plants, Petrochemical, Chemical, Oil & Gas. Exterior applications with humid environments.

## Solutions

OFFSHORE, PORTS ENERGY



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# Megaband 100 120 ( Ref: 92035450 )

## Product data

| | | | |
|---|---|---|---|
| **ETIM 10** | EC000854 | **u** | 3 |
| **Huella de CO2. GWP A1-A3 (kg CO2 eq.)** | | **Material** | Steel with surface coating |
| **Protection System** | GC | **Impact Strength (J)** | 20 J |
| **Finish** | HDG, Hot Dip Galvanised | **Thickness (mm)** | 1.5 |
| **Resistance Class** | Class 6 | **Section (mm2)** | 43538 |
| **Flange** | 120 | **Working temperature range (°C)** | -50 °C |
| **Width (mm)** | 450 | **Fire resistance** | A1 No combustible |
| **Length (m)** | 3 | | |
| **kg/u** | 4,770 | | |

## Ⓢ Protection System

**CU** - Copper electroplated

**PG** - Pregalvanised

**EZ** - Electrogalvanised

**BC** - Electrogalvanised Bichromate

**BK8** - High Resistance Coating

**GC** - Hot Dip Galvanising

**INOX** - Stainless Steel

**PT** - Polyester Paint

**AL** - Aluminum

**LN** - Brass or Nickel-plated brass

## Ⓜ Insulating materials

**PC+ABS** - Halogen Free Polycarbonate + ABS

**PVC** - Polyvinyl Chloride

**PP** - Halogen Free Polypropylene

**PA6** - Halogen Free Polyamide 6

**PA12** - Halogen Free Polyamide 12

**PU** - Polyurethane

**PE** - Polyethylene

**NBR** - NBR rubber

**PET** - Thermoplastic Polyester

**TPV** - Thermoplastic



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## Load diagrams

### Ensayos de carga CTA instalaciones horizontales

Valores obtenidos según la norma IEC 61537 edición 3, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso. La unión de los tramos de bandejas debe estar situada a una distancia del apoyo de entre L/4 y L/5, siendo L la distancia entre apoyos.

### *Load Tests for SWL mounted in the horizontal plane*

*Values obtained according to the IEC 61537 standard, edition 3, with a safety coefficient of 170% without ever reaching the collapse point. Tray section joints be situated at a support distance of between L/4 and L/5, L being the distance between supports.*

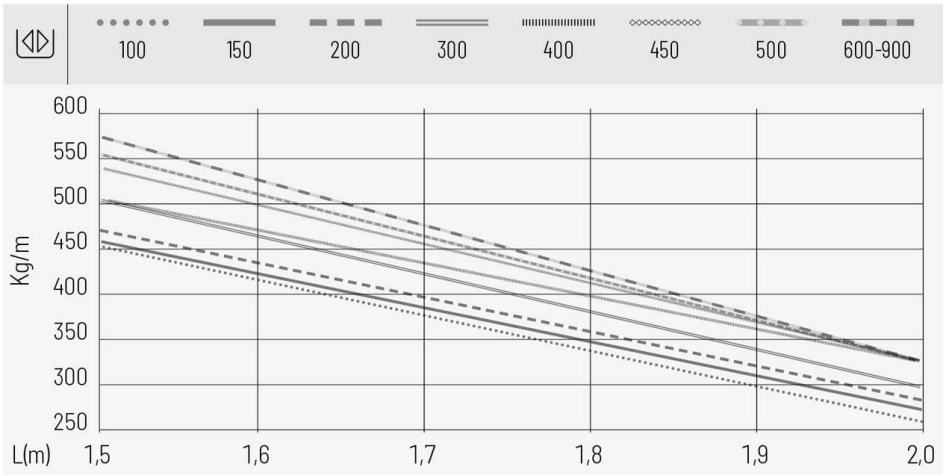
### *Essais de charge de travail admissible (CTA) pour les installations horizontales*

*Valeurs obtenues conformément à la norme CEI 61537 édition 3, avec un coefficient de sécurité de 170 % et sans jamais atteindre l'effondrement. La jonction des sections du chemin de câbles doit être située à une distance du support comprise entre L/4 et L/5, où L est la distance entre les supports.*

### *Ensaios de carga CTA em instalações horizontais*

*Valores obtidos de acordo com a norma IEC 61537 edição 3, com um coeficiente de segurança de 170% e sem nunca atingir o colapso. A junção das secções de caminhos de cabos deve estar localizada a uma distância do suporte entre L/4 e L/5, sendo L a distância entre apoios.*

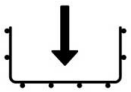
| mm | mm | mm2 |
|---|---|---|
| 100 | 100 | 7.318 |
| | 150 | 11.118 |
| | 200 | 15.118 |
| | 300 | 22.918 |
| | 400 | 30.718 |
| | 450 | 34.518 |
| | 500 | 38.518 |
| | 600 | 46.318 |
| | 750 | 57.918 |
| | 900 | 69.718 |






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## Ensayos de carga CTA instalaciones horizontales

Valores obtenidos según la norma IEC 61537 edición 3, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso. La unión de los tramos de bandejas debe estar situada a una distancia del apoyo de entre L/4 y L/5, siendo L la distancia entre apoyos.

## *Load Tests for SWL mounted in the horizontal plane*

*Values obtained according to the IEC 61537 standard, edition 3, with a safety coefficient of 170% without ever reaching the collapse point. Tray section joints be situated at a support distance of between L/4 and L/5, L being the distance between supports.*

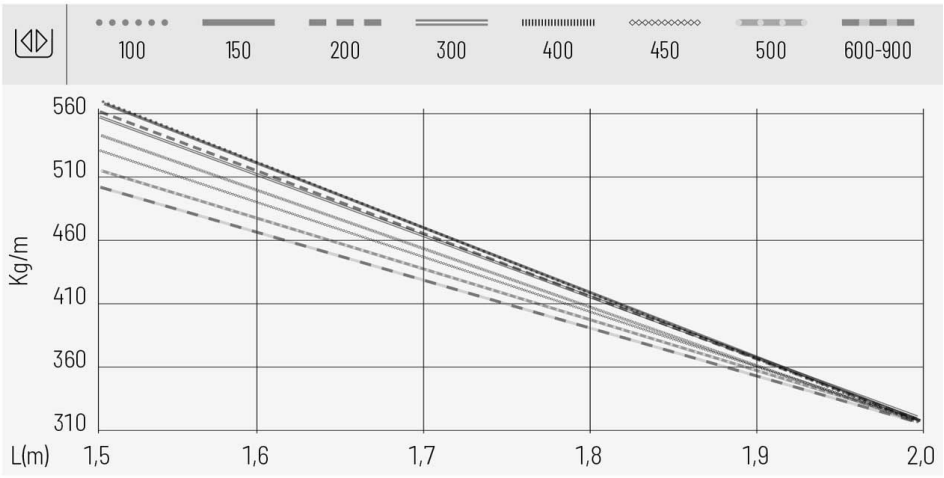
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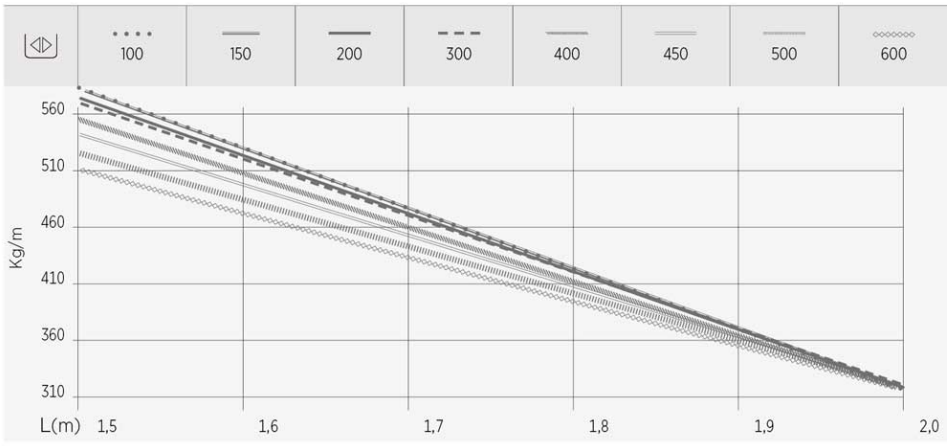
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*Valores obtidos de acordo com a norma IEC 61537 edição 3, com um coeficiente de segurança de 170% e sem nunca atingir o colapso. A junção das secções de caminhos de cabos deve estar localizada a uma distância do suporte entre L/4 e L/5, sendo L a distância entre apoios.*

| mm | mm | mm² |
|---|---|---|
| 120 | 100 | 9.238 |
| | 150 | 14.138 |
| | 200 | 19.038 |
| | 300 | 28.838 |
| | 400 | 38.638 |
| | 450 | 43.538 |
| | 500 | 48.438 |
| | 600 | 58.238 |
| | 750 | 72.938 |
| | 900 | 87.638 |




| mm | mm | mm² |
|---|---|---|
| 150 | 100 | 12.028 |
| | 150 | 18.453 |
| | 200 | 24.878 |
| | 300 | 37.728 |
| | 400 | 50.578 |
| | 450 | 57.003 |
| | 500 | 63.428 |
| | 600 | 76.278 |
| | 700 | 89.128 |
| | 750 | 95.553 |
| | 800 | 101.978 |
| | 900 | 114.828 |
| | 1000 | 127.678 |

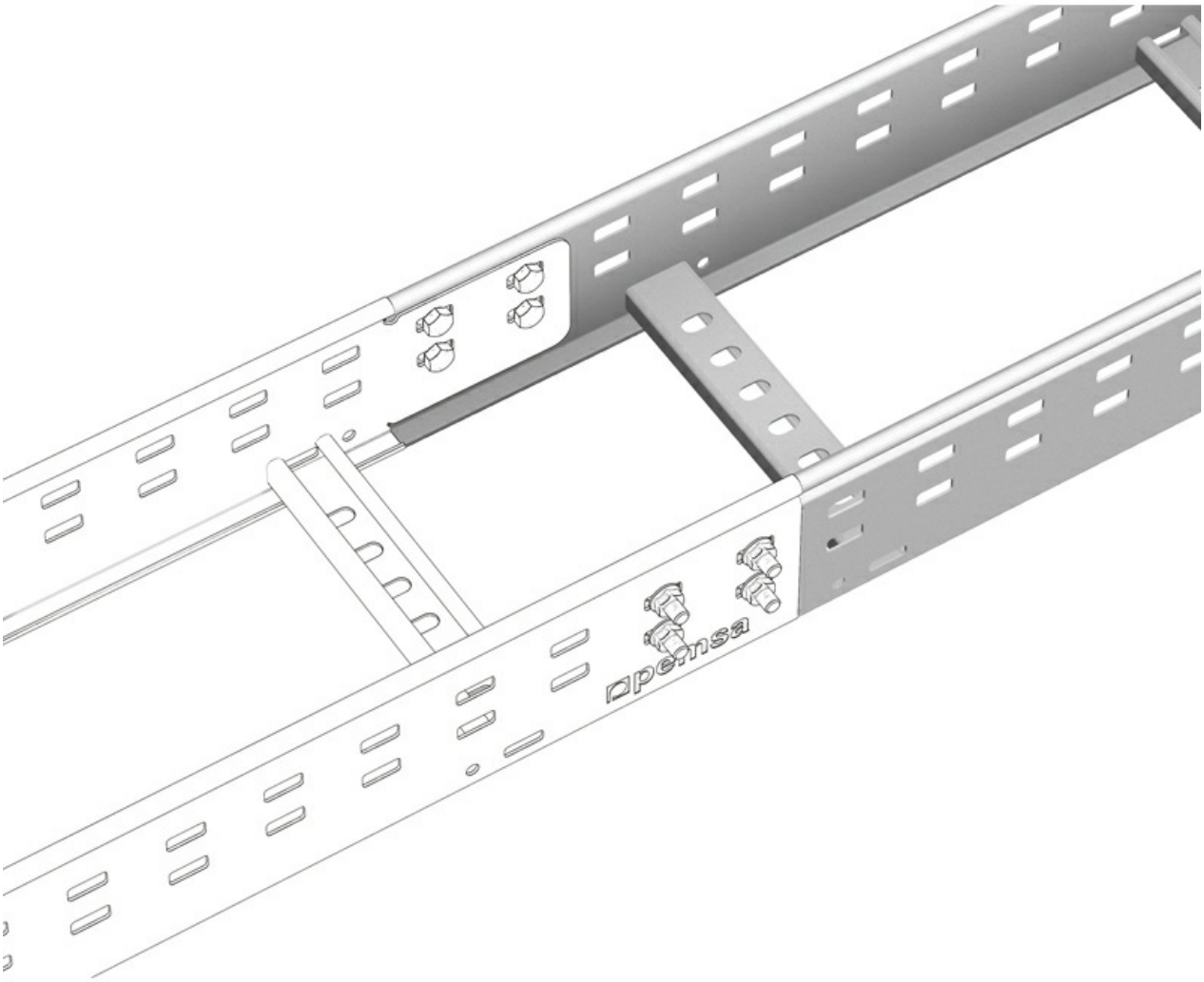



## Product applications



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