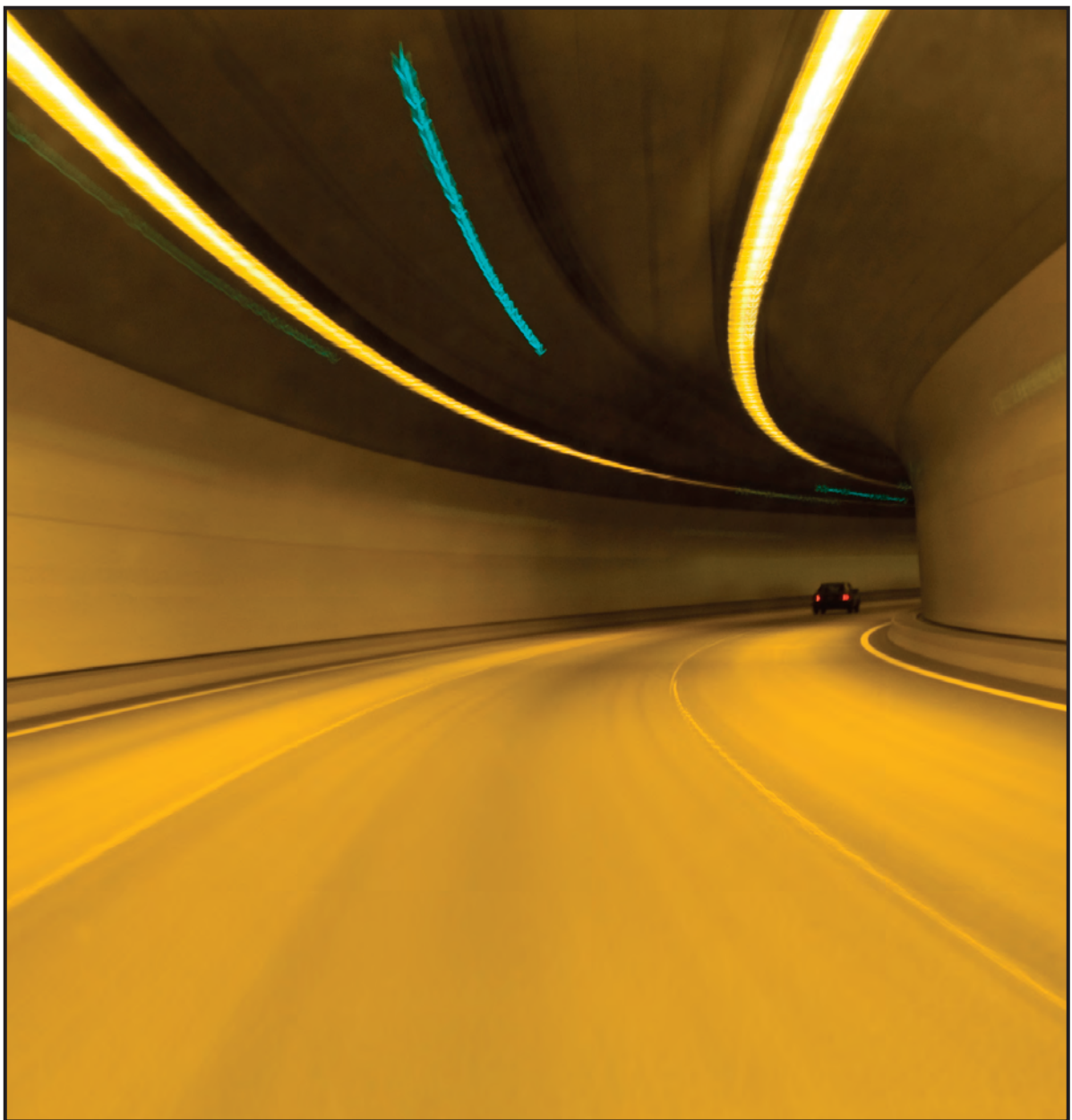


Promat



CAFCO[®] Plastic Coated Galvanised Mesh

tunnel applications



For use with Cafco FENDOLITE[®] MII Fire Protection Coating System

www.promat-spray.com

CAFCO® Plastic Coated Galvanised Mesh

INTRODUCTION

CAFCO® Plastic Coated Galvanised Mesh is a hexagonal mesh wire netting “reverse twist”, galvanised after weaving and coated in blue plastic.

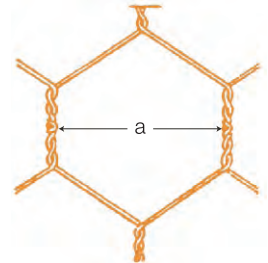
This netting is embedded in the fire protection coating.

Nominal wire diameter (d) is the diameter in mm to designate the wire.

Real wire diameter is the arithmetical mean of the minimum and maximum diameter, measured in the same section of a straight piece of wire by mean of the minimum and maximum diameter.

Nominal mesh size is the distance in mm to designate the mesh.

Real mesh size (a) is the distance in mm between the twists.



| Raw material | | |
|----------------------------------|--|-------|
| Chemical composition of wire rod | Element | % |
| | C | 0.10 |
| | Si | 0.30 |
| | Mn | 0.50 |
| | P | 0.070 |
| S | 0.060 | |
| Zinc slabs | Minimum 99.5% of pure zinc | |
| Plastic coating | Polyvinyl chloride (PVC), turquoise blue in accordance with RAL code 5012 or Munsell code 10 BG 6/6. | |

| Properties and performance | | |
|------------------------------------|--|--|
| Wire diameters and tolerances | Nominal diameter (d) | 1.00mm or 1.50mm |
| | Core diameter | 1.00mm ± 0.065mm in accordance with DIN 177 |
| | Final diameter | 1.50mm ± 0.10mm in accordance with DIN 3036 T2 |
| Mesh sizes and tolerances | 50mm ± 6mm in accordance with DIN 1200. The actual mesh size is the average value of 10 successive mesh openings in the transverse direction of the netting. Actual mesh size in mm = $L/10 - 2d$ “L” being the length in mm of 10 successive meshes in the transverse direction. “d” being the wire diameter in mm. | |
| Tensile strength (Rm) of the wires | 350-500N/mm ² | |
| Mass of zinc | Minimum mass of zinc is 35g/m ² in accordance with DIN 1200. To be determined by double weighing on a piece of netting of 150mm x 150mm without salvage and to be expressed in g/m ² of the wire surface. | |
| PVC coating | Homogeneous coating free from uncoated spots. | |

QUALITY ASSURANCE

Promat manufactures to a quality system in accordance with ISO 9001:2000 and has received full accreditation to these standards.

Operating to these standards means that all activities, which have a bearing upon quality, are set out in written procedures. Systematic and thorough checks are made on all materials and their usage. Test equipment is subjected to regular checks and is referred back to national standards.

The information given in this data sheet is based on actual tests and is believed to be typical of the product. No guarantee of results is implied however, since conditions of use are beyond our control.



CAFCO® Plastic Coated Galvanised Mesh

PACKAGING

23 rolls strapped on wooden pallet under stretch-foil, each roll is shrink-packed.

| Packaging reference | |
|-------------------------------|--|
| Roll length | 25m ± 2% |
| Netting width | Nominal 1000mm ± 30mm in accordance with DIN 1200 |
| Inside diameter of the rolls | Approximately 100mm |
| Outside diameter of the rolls | Approximately 210mm |
| Roll weight | 8.2kg ± 5% |
| Identification | Each roll is provided with a coloured identification tag |

HEALTH AND SAFETY

The use of eye protection and gloves is recommended. In addition, appropriate face masks should be used during any drilling operations.

Size and shape of the product would generally preclude ingestion. Medical attention should be sought in the event of parts being swallowed.

Normal hygiene precautions should be followed by washing hands before handling or eating food.

Promat activities are conducted with due regard to all statutory requirements with appropriate safeguards against exposing employees and the public to health and safety risks.

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