



cable clips



Description	EAN code	Article number
MEPAC cable clip 2,75/4mm white	8714017213019	421301
MEPAC cable clip 5/7mm white	8714017213026	421302
MEPAC cable clip 8/10mm white	8714017213033	421303
MEPAC cable clip 11/15mm white	8714017213040	421304
MEPAC cable clip 16/19mm transparent	8714017213057	421305
MEPAC cable clip 19/22mm transparent	8714017213064	421306
MEPAC cable clip 16/19mm creme	8714017213118	421325
MEPAC cable clip 19/22mm creme	8714017213125	421326
MEPAC cable clip 2,75/4mm grey	8714017213132	421311
MEPAC cable clip 5/7mm grey	8714017213149	421312
MEPAC cable clip 8/10mm grey	8714017213156	421313
MEPAC cable clip 11/15mm grey	8714017213163	421314
MEPAC cable clip 16/19mm grey	8714017213255	421315
MEPAC cable clip 19/22mm grey	8714017213262	421316
MEPAC cable clip 5/6mm white	8714017215020	421502
MEPAC cable clip duo 16/19mm transparent	8714017216058	421605
MEPAC cable clip duo 16/19mm grey	8714017216157	421615
MEPAC cable clip duo 16/19mm creme	8714017216256	421625

Material specifications:

The cable clips are UV-resistant and are therefore suitable for outdoor use.

When working with hardened steel products, wearing safety goggles is obligatory.

The cable clips carry a KEMA quality mark and also a CE mark.

The MEPAC cable clips with plug are halogen-free as a standard.

Clip:

Made of HDPE

Properties	Test methods	Unit	Value
Density at 23°C	ISO 1183 A ASTM D 792	Kg/m ³	957
Melting point at 2.16 Kg load	DIN 53735 ISO 1133 ASTM D 1238	g/10 min	4.8

The cable clips meet the RoHS guideline (EU directive 2002/95/EF).

and the REACH (EC1907/2006) guideline.

The toxic heavy metals lead, cadmium and mercury, and the diaryl pigment are also not released.

No pigment is added to the transparent clip.

The white, grey and creme colour is achieved by adding a pigment.

Nails:

The steel nails are mechanically galvanised 10-12 micron and have a hardness of 52-54 Rockwell.

Size	Dimension nail (mm)
SP 2,75/4	15 x 1,2
SP 5/6	15 x 1,2
SP 5/7	20 x 1,6
SP 8/10	25 x 2,0
SP 11/15	35 x 2,0
SP 16/19	40 x 2,5
SP 19/22	40 x 2,5
DSP 16/19	40 x 2,5



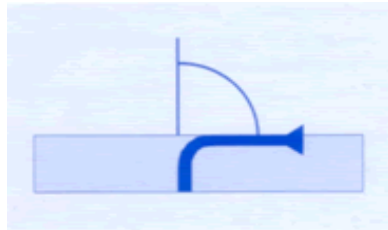
cable clip

Technical information steel nails

The steel nails are made of a special hardened steel, whereby a maximum hardness is created of 52 - 54 HRc. Because of this extreme hardness the steel nails have the property that is it difficult to bend them.

In addition, because of the special method of hardening developed by ourselves, the nails have a **bending/breaking** angle of 45° - 90°.

With this the dangerous "spattering" is ruled out.



Bend/break angle of 45° - 90°, depending on the angle to which it is bent.

Also, the steel nails have a completely smooth shaft and a point with 4 cutting edges: so-called diamond point, ideal point for hand-driven nails.

Mechanical galvanising

Mechanical galvanising of steel nails has as its aim the achievement of a better resistance to corrosion, with as a great advantage compared to electrolytic galvanising that the so dangerous hydrogen embrittlement does not occur. The hardened steel nails are therefore mechanically galvanised with a layer thickness of a minimum of 10 microns zinc and further treated with white chromate (blue passivating), in order to prevent so-called white corrosion on the nails.

General causes of corrosion:

- damp and ventilation
- potential difference (electric voltage difference of two metals)
- damage
- time

Hydrogen embrittlement

Hydrogen embrittlement is the occurrence of sudden splitting or breaking of hardened or refined steel under the influence of hydrogen absorption, so that the product is subject to (bending) stress. A characteristic is that the break or split occurs spontaneously, without any prior indications. In the case of breakage considerable forces are released, noticeable by a clear cracking sound.

Hydrogen embrittlement can be prevented by electrolytically galvanised nails, among other things.