

RH 50 PE – HD BELGACOM

Oval Cable Cover for subsurface cables

Trade name

Beku RH 50 PE-HD – Oval cable cover

Usage

Safety device for protection of cables buried underground. Underground as well as in opened cable ditches the RH 50 offers a special protection against mechanical damage.

Raw material

Polyethylene PE , light-stable, pollution free, heavy metal-free, recyclable

Technical terms of delivery

DIN 19560

Chemical resistance

Resistant against inorganic salts, caustic solutions and mineral acids in concentrations, as found in laboratory waste water. Polyethylene is not loosened by organic solvents.

Color

Orange RAL 2003

Marking

The warning print can be supplemented e.g. by logo and hotline telephone number.

Connection

Using the longitudinal connection system designed by Beku the plates can be connected and locked to each other.

Nominal width

50 mm

Thickness

1,8 mm

Overall length

330 (-0+5) mm

Packing

on one-way pallets with shrunk-wrap cover

Contents: 6.000 pes./ pallet RH 50

Technical data

Density according to DIN 53479

0.0098 kg / cm³

Shearing strength

> 700 N/cm² with sharp edged counter base

That corresponds to a shearing strength of more than 10.000 Nm for a material thickness of 2 mm. By the missing sharp edged counter base in the cable ditch this value is actually much higher.

Elongation at rupture (nominal)

>50 %

Yield stress according to DIN 53455

19 Hpa

Pin drop test according to DIN 54841-5

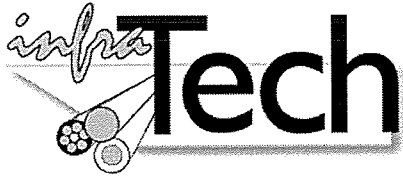
No breaking of the plate. The penetration depth of the pin point is below the demanded DIN specification (Certification available).

Hardness according to DIN 53505

62 shores D/15

Modul of elasticity according to DIN 53452

approx. 800 HPa



RH 80 PE – HD BELGACOM

Oval Cable Cover for subsurface cables

Trade name

Beku RH 80 PE-HD – Oval cable cover

Usage

Safety device for protection of cables buried underground. Underground as well as in opened cable ditches the RH 80 offers a special protection against mechanical damage.

Raw material

Polyethylene PE, light-stable, pollution free, heavy metal-free, recyclable

Technical terms of delivery

DIN 19560

Chemical resistance

Resistant against inorganic salts, caustic solutions and mineral acids in concentrations, as found in laboratory waste water. Polyethylene is not loosened by organic solvents.

Color

Orange RAL 2003

Marking

BELGACOM

Connection

Using the longitudinal connection system designed by Beku the plates can be connected and locked to each other.

Nominal width

80 mm

Thickness

2,2 mm

Overall length

330 (-0+5) mm

Packing

on one-way pallets with shrunk-wrap cover

Contents: 3.000 pes./ pallet RH 80

Technical data

Density according to DIN 53479

0.0098 kg / cm³

Shearing strength

> 800 N/cm² with sharp edged counter base

That corresponds to a shearing strength of more than 10.000 Nm for a material thickness of 2 mm. By the missing sharp edged counter base in the cable ditch this value is actually much higher.

Elongation at rupture (nominal)

>50 %

Yield stress according to DIN 53455

19 Hpa

Pin drop test according to DIN 54841-5

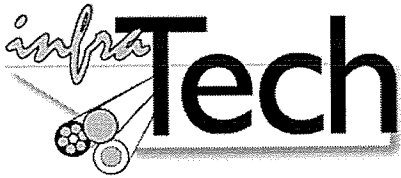
No breaking of the plate. The penetration depth of the pin point is below the demanded DIN specification (Certification available).

Hardness according to DIN 53505

62 shores D/15

Modul of elasticity according to DIN 53452

approx. 800 HPa



RO 220 PE – HD BELGACOM

Cable Cover Stripe on rolls for subsurface cables

Trade name

Beku RO220 PE-HD – Cable Cover Stripe

Usage

Safety device for protection of cables buried underground. Underground as well as in opened cable ditches the RO 220 offers a special protection against mechanical damage.

Raw material

Polyethylene PE, light-stable, pollution free, heavy metal-free, recyclable

Technical terms of delivery

DIN 19560

Chemical resistance

Resistant against inorganic salts, caustic solutions and mineral acids in concentrations, as found in laboratory waste water. Polyethylene is not loosened by organic solvents.

Color

Orange RAL 2003

Marking

The warning print can be supplemented e.g. by logo and hotline telephone number.

Rolls packaging

The stripes are rolled with a contents of 40 m each roll to allow easy handling at the construction side.

Nominal width

220 mm

Thickness

2,7 mm

Overall length

40 m

Packing

on one-way pallets with shrunk-wrap cover

Technical data

Density according to DIN 53479

0.0098 kg / cm³

Shearing strength

> 800 N/cm² with sharp edged counter base

That corresponds to a shearing strength of more than 10.000 Nm for a material thickness of 2 mm. By the missing sharp edged counter base in the cable ditch this value is actually much higher.

Elongation at rupture (nominal)

>50 %

Yield stress according to DIN 53455

19 Hpa

Pin drop test according to DIN 54841-5

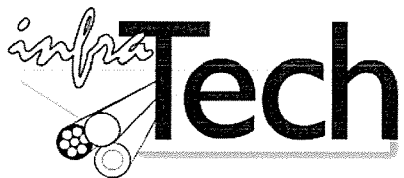
No breaking of the plate. The penetration depth of the pin point is below the demanded DIN specification.

Hardness according to DIN 53505

62 shores D/15

Modul of elasticity according to DIN 53452

approx. 800 HPa



"MAP 200" BELGACOM

Heavy Duty Cable Cover for optical fiber cables buried under ground

Trade name

MAP – Heavy Duty Cable Cover

Application

Safety device for protection of optical fiber cable routes over the entire expansion. For frequently opened cable ditches in urban areas the MAP offers a special **mechanical** protection against mini excavators and pickaxes.

Raw material

Polyethylene (PE), light-stable, pollution free, heavy metal-free, recyclable

Technical terms of delivery

DIN 19560

Chemical resistance

Resistant against inorganic salts, caustic solutions and mineral acids in concentrations, as found in laboratory waste water. Polyethylene is not loosened by organic solvents.

Color

Orange RAL 2003

Marking

BELGACOM

The Beku MAP contains the printing in the plate. Thus the warning reference is absolutely **abrasion and scratch-proof** embedded. After decades of repeated reopening of the ditch the printing is still readable.

Connection (optional)

With a self-locking safety peg each plate can be connected with the next. Therefore the plates can be supplied with one hole at each end.

Nominal width

200 mm

Nominal thickness

10 mm

Overall length

1000 mm

Packing

on one-way pallets stretched with black film
Contents:
500 m / pallet MAP 200

Technical data

Density according to DIN 53479

0.0098 kg / cm³

Shearing strength

> 2000 N/cm² with sharp edged counter base

That corresponds to a **shearing strength of 4t** for the MAP200. By the missing sharp edged counter base in the cable ditch this value is actually much higher.

Elongation at rupture

>600 %

Yield stress according to DIN 53455

19 HPa

Pin drop test according to DIN 54841-5

No breaking of the plate. The penetration depth of the pin point is below 2 mm.

Hardness according to DIN 53505

59 shores D/15

Modul of elasticity according to DIN 53452

approx. 800 HPa

Z e r t i f i k a t

Die Moody Q-Zert GmbH
bestätigt hiermit dem Unternehmen

**BEKU Kunststoffwerke GmbH & Co.
D-37688 Beverungen**

für den Geltungsbereich

**Entwicklung, Herstellung und Vertrieb
von Kunststoffwerkzeugnissen**

ein **Qualitätsmanagementsystem**

eingeführt zu haben und anzuwenden.

Bei einem von Moody Q-Zert durchgeführten Qualitätsaudit
wurde der Nachweis erbracht,

daß dieses Qualitätsmanagementsystem die Forderungen

der folgenden Norm erfüllt :

DIN EN ISO 9001

Modell zur Qualitätssicherung/QM-Darlegung in

Design/Entwicklung, Produktion, Montage und Wartung (Ausgabe 08.94)

Dieses Zertifikat ist gültig bis **11.10.2013**

Zertifikat-Registrier-Nummer **00067**

Prozheim, den **11.10.2010**



Lenkungsremium
Dr. Hans Eberhardt



Geschäftsführer
Dietfried Baier

08.10.10