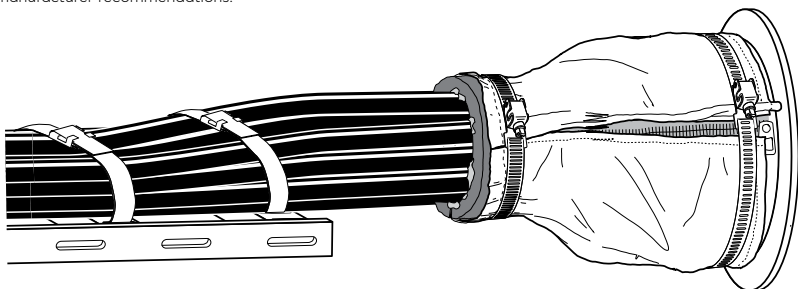## Safety information

Roxtec recommends that all installations are performed without facility operation. Follow national regulations and installation codes. Any action affecting the routed service should be performed according to manufacturer recommendations.
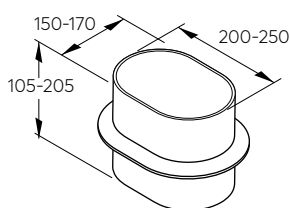
Installation instructions
GK Firestop sealing kit
(GK FS SK)

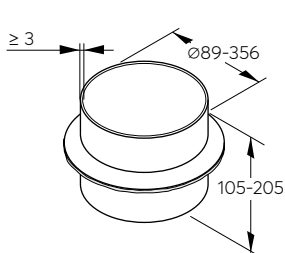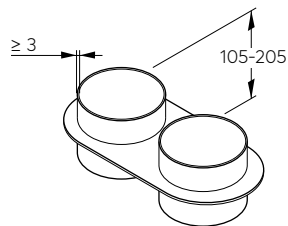## Pipe sleeve

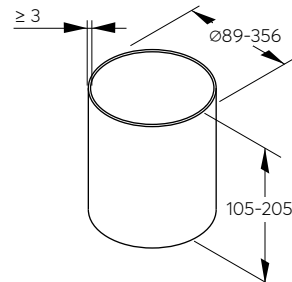Suitable pipe sleeve dimensions.
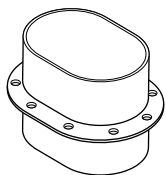Measures in millimeters (mm).

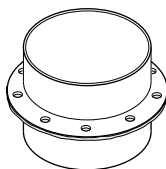Oval pipe sleeve for welding

Round pipe sleeve for welding

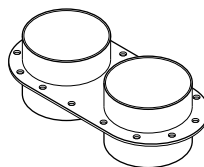Multiple round or oval pipe sleeve for welding
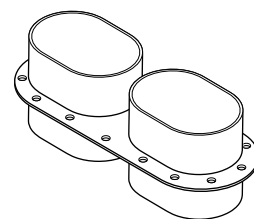
Pipe sleeve without flange for welding

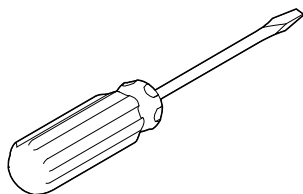Oval pipe sleeve for bolting

Round pipe sleeve for bolting

Multiple round pipe sleeve for bolting

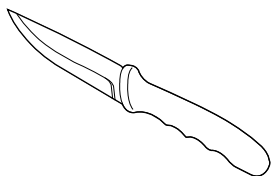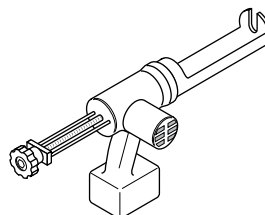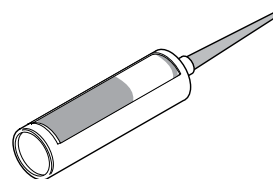Multiple oval pipe sleeve for bolting

Tools

Screwdriver
(not included)
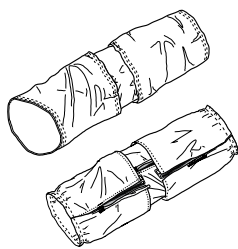
Knife
(not included)

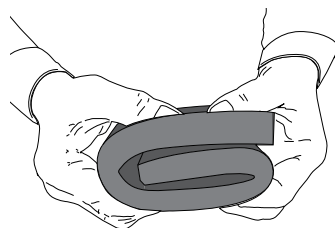Caulking gun
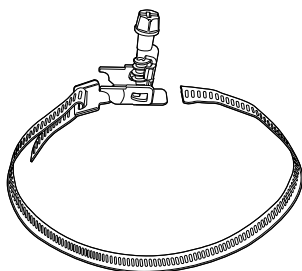(not included)

Marine grade smoke sealant
(not included)

Components

Openable or non-openable
fiberglass cloth
1 pc.

Sealing strip
1 pc.

Metal cable tie
4 pcs.

Selection guide

A	B
GK FS SK 89 KIT	84 - 89
GK FS SK 127 KIT	107 - 127
GK FS SK 140 KIT	120 - 140
GK FS SK 168 KIT	138 - 168
GK FS SK 219 KIT	179 - 219
GK FS SK 244 KIT	204 - 244
GK FS SK 273 KIT	233 - 273
GK FS SK 324 KIT	274 - 324
GK FS SK 356 KIT	306 - 356

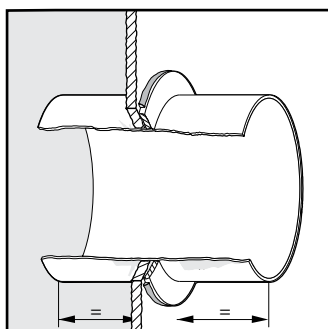| C	D
GK FS SK 200x150 KIT	531 - 571
GK FS SK 200x170 KIT	554 - 594
GK FS SK 250x170 KIT	654 - 694

A. Suitable cloth size and kit for round sleeves
B. Sleeve outer diameter min - max (mm)
C. Suitable cloth size and kit for oval sleeves
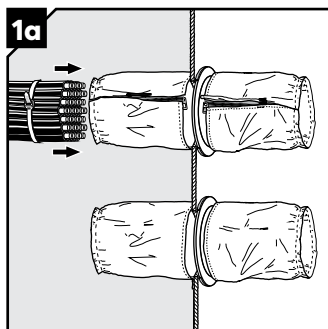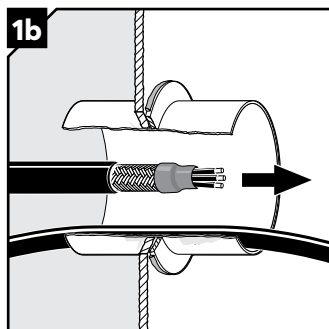D. Sleeve outer circumference min - max (mm)

Installation of sleeve

Mount the pipe sleeve symmetrical and
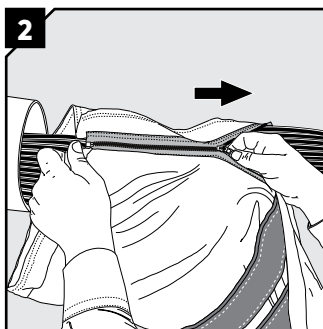smoke tight.

Installation
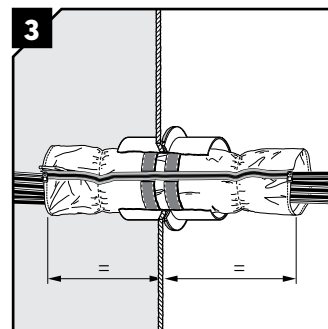For openable and non-openable cloth.

When using a non-openable cloth or
when the cable density is high, mount
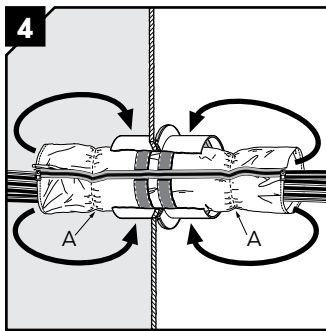the cloth before routing the cables.

When using an openable cloth, route the
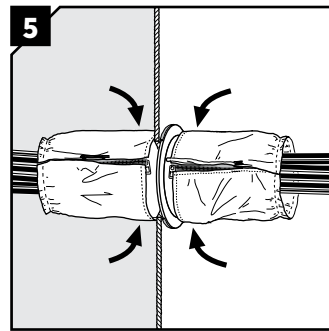cables before mounting the cloth.

For openable cloth. Open the zipper on
the cloth. Wrap the cloth around the
cables with the intumescent material
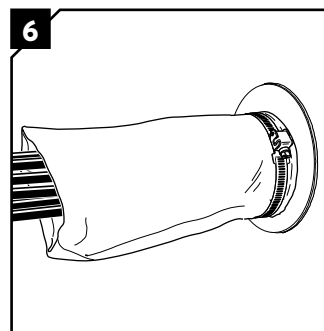outwards. Close the zipper.

Pull the cloth through the pipe sleeve
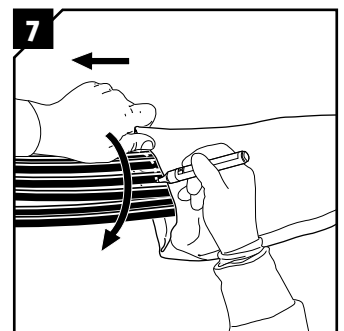and make sure it is centered.

4

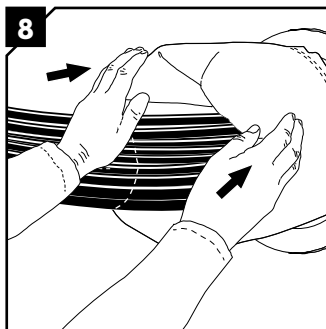Fold back the fiberglass cloth at the seam (A) on both sides.

5

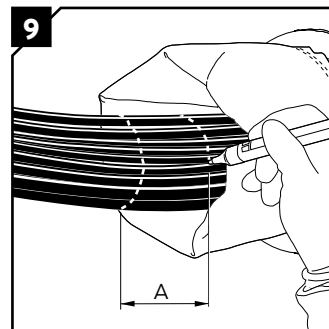The ends of the fiberglass cloth mounted onto the pipe sleeve.

6

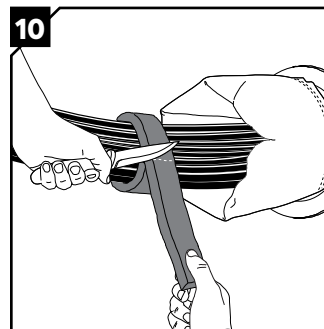Secure both ends with a cable tie.

7

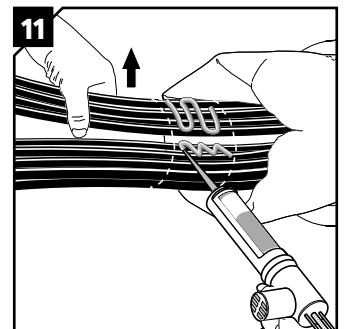Pull out the cloth. Mark the cables with a pen at the edge of the cloth.

8

Move the cloth a bit to expose the sealing area of the cables.
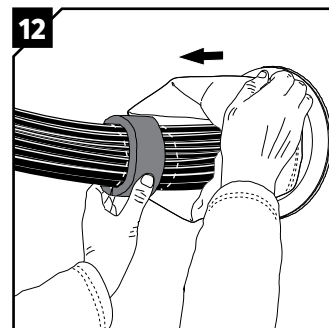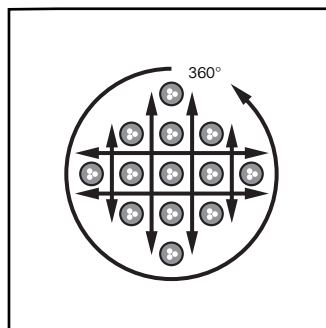
9

A=60 mm.
Make another mark on the cables.
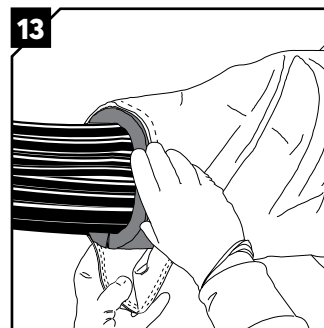
10

Fold the sealing strip around the cable bundle and cut two pieces, one for each side of the transit.
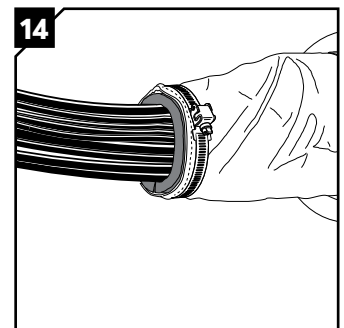
11

Apply sealant thoroughly between all the cables between the marks. The sealant shall fill the width of the marking. Make sure there are no gaps so that the smoke cannot pass through once the bundle is joined.
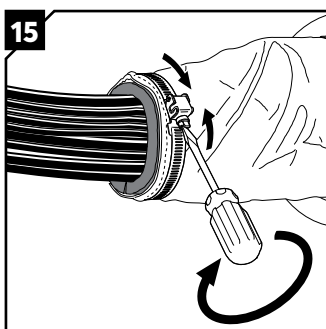

12

Fold the sealing strip around the bundle and over the sealant. Make sure there are no gaps in the joint.
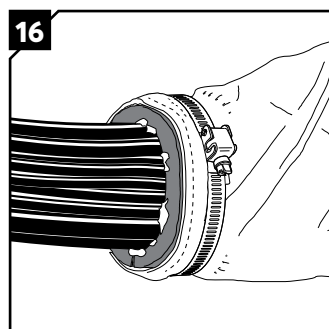
13

Pull back the cloth flush to the sealing strip. If necessary, fold the cloth excess material for a tight fit.
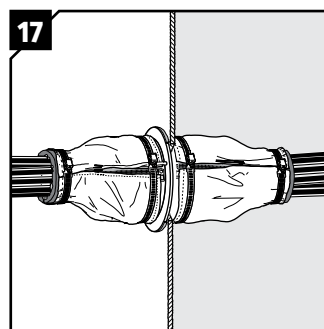
14

Put a cable tie or a hose clamp at the center of the sealing strip.

15

Tighten the cable tie with a suitable tool. The compression is complete when the sealing strip is compressed by 50-70%.

16

Make sure sealant is squeezed out and that there are no gaps in the bundle or at the sealing strip.
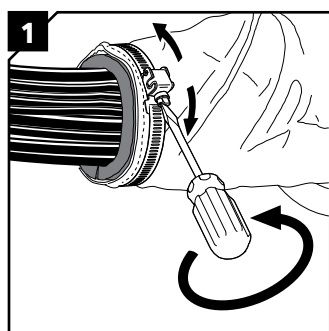
17

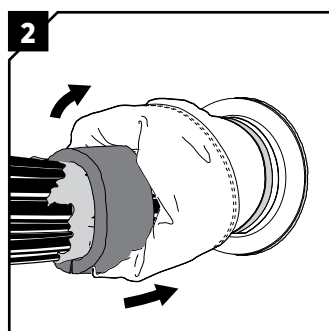Repeat step 7 to 16 for the other side of the transit.

18

Make a final check!
Different approvals or certificates may include amendments or limitations related to this application.

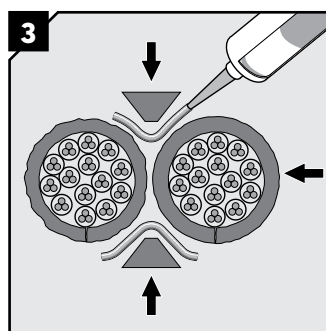## Disassembly and reinstallation

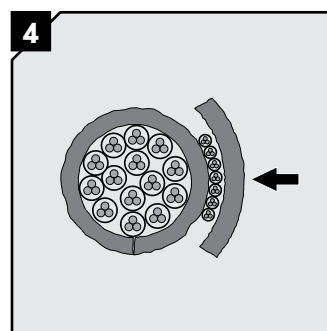Material needed: 2 pieces of cable tie, 2 pieces of sealing strips and sealant.

1

Remove the cable tie holding the cables.

2

Fold back the cloth and add a new cable or bundle.
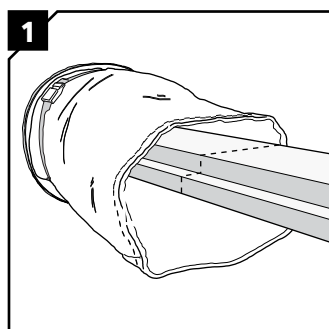
3

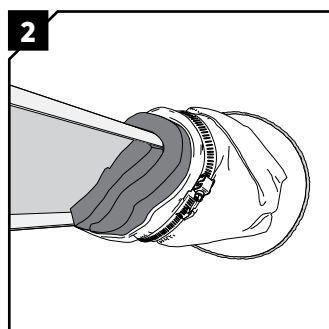Make sure to fill any gap with sealing strips and sealant. Continue the reinstallation.

4

When a few small cables are added a piece of sealing strip can be placed over the new cables. Continue the reinstallation.
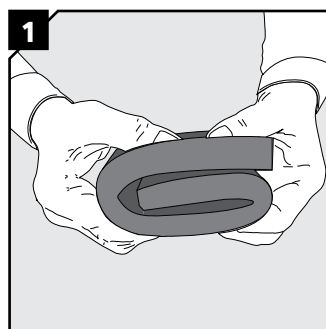
GK FS SK and busbars

1

Apply the strip around the busbar. Cavities are filled with shorter pieces of strips. Fold the cloth excess material for a tight fit.
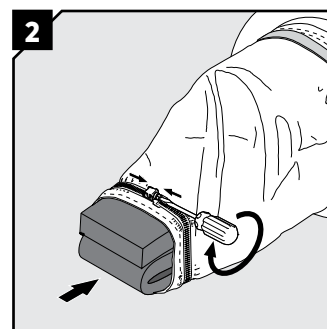
2

Put a clamp at the center of the sealing strip. Tighten the clamp with a suitable tool. The compression is complete when the sealing strip is compressed by 50-70%.

GK FS SK without cables

1

Cut a 300 mm long piece of sealing strip and fold it two times.

2

Insert the sealing strip and fold the cloth for a tight fit. Put a clamp at the center of the sealing strip and tighten it. The compression is complete when the sealing strip is compressed by 50-70%.

Note

◉ The recommended maximum cable density is 68% of the cloth diameter.

◉ Cables with a diameter up to 50 mm are recommended.

◉ Make sure not to damage the fiberglass cloth.

◉ The weight of the cables must be supported on both sides of the GK Firestop sealing kit.

◉ Approvals or certificates may include amendments or limitations related to this application.

◉ The latest version of this and related documents are found at roxtec.com.

))) Roxtec

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