

SAFETY DATASHEET

according to 73/23/EC, 93/68/EC and 93/465/EC

BCD180 Knot filler gun

May 2010

IDENTIFICATION

Product name	BCD180 Knot filler gun
Use	For melting of Thermelt Knot filler
Supplier	BØGH CONSULT DENMARK A/S Charles Lindberghs Vej 6 9430 Vadum, Denmark +45 9827 1919



1 General information

1.1 Technical specifications

BCD180 Knot filler gun
Standard contents: Knot filler gun, stand, user manual
Dimensions: 220x170x35mm
Net weight: 250g
Operating voltage: 220 - 240 V, 50 Hz
Power: 80W
Insulating class: Class 2
Working temperature: Pre-adjusted for 170°C
For Thermelt Knot filler sticks 12mm

1.2 Functional description

Knot filler gun for use with Thermelt Knot filler sticks

2 Safety measures

2.1 General information

The Knot filler gun is only to be used with Thermelt Knot filler sticks according to the information of the technical specifications. Do not use the Knot filler gun before you are familiar with the use and possible danger hereof. Be aware of normal safety measures when using electrical tools. If the cord is damaged or cut, immediately take out the cord from the plug. Do not use until the cord has been replaced. Never dismount the gun by pulling the cord.

2.2 Possible danger areas

Please read the following information thoroughly to avoid personal or material damages!

Danger of burn:

The nozzle (1) and the melted Knot filler can reach temperatures of more than 200°C. Avoid contact and use protective gloves if necessary.

Odour: Unpleasant odours can occur when using Knot filler. Incorrect use can in some cases cause irritation. Always have the necessary ventilation.



2.3 Safe use

In order to protect against malfunctions and mal-operation, always follow the following info:

- Remove combustible or heat-sensitive objects from the vicinity of the nozzle (1).
- The warmed-up device must be placed on its stand (2). It must never be placed on its side.
- Never operate the trigger (4) with excessive force.
- Protect the device from moisture and wetness (electric shock protection).
- Observe information contained in the instruction handbook.
- If working above head height, ensure that drops do not form to protect against burns to personnel or working equipment.
- Always remove the power cable before carrying out any work to the device (maintenance, cleaning)
- The device may only be operated on sockets with a protective earth.
- Any extension cables must also be provided with a protective earth. Check that the extension cable is in good condition before use.
- Always remove the mains plug after use. Allow the device to cool down completely before storing it.
- If you observe damage to the device or the power cable, remove the mains plug immediately. Ensure that the device is checked immediately by an electrician. It may only be put into operation

3 User instructions

Always pay attention to the above safety measures!

3.1 Getting started

1. Insert the mains plug into a power socket with protective earth.
2. The device starts to warm up immediately.
3. If the knot filler stick has already been inserted, liquid adhesive can come out of the nozzle. You should place the device on a suitable surface to protect against this. Allow the device to heat up for approx. 5 minutes (depending on adhesive type).
4. Push the knot filler stick to the opening in the rear of the device as far as the black insulation socket.

3.2 Temperature

The temperature is preset at delivery to a value of 170°C.

3.3 Operating information

Please observe the following tips and information so that you are able to continuously achieve perfect result of your repair.

- Surfaces to be repaired should be at room temperature and free of dust, grease and moisture. Reminders of wax, separating oils, plasticizers or impregnation media on the work pieces can lead to loosening of the adhesion immediately or later.
- Apply the knot filler using points or lines. Larger knot filler points remain adhesive longer than small ones.
- Apply the knot filler slowly and continuously so that the processing temperature is not fallen below.

3.5 Changing the knot filler

If you want to change the knot filler type, push the remains of the old knot filler out with the new knot filler stick. You should never pull the old knot filler stick out of the device. This can cause damage to the transport mechanism.

3.6 Breaks/end of work

Turn the device off if you do not require any knot filler for longer than 20 or 25 minutes. The knot filler can remain in the device and be re-melted later on.

3.7 Changing the nozzle

Burn hazard!

When carrying out the working steps described below, you must wear heat-protective gloves!

There is a wide range of special nozzles available for special tasks. To replace the nozzle, please carry out the following steps:

1. Heat the device up.
2. Separate the device from the mains by removing the mains plug.
3. Unscrew the nozzle (1). It is imperative that you do not pull the trigger, to prevent uncontrolled ejection of adhesive.
4. Screw the replacement nozzle on hand-tight. The device can be put into operation again immediately.

4 Repairs

Repairs should only be carried out by trained electricians.

5 Spare parts

A selection of nozzles is available. Please ask your dealer for a list of spare parts.

6 Warranty

The device has been developed and manufactured using state-of-the-art technology. We offer all original purchasers a warranty corresponding to the statutory requirements for function, material and manufacture. Normal wear and tear is excluded.

The warranty ceases if incorrect handling, application of force, repair by third parties and fitting of non-original spare parts is determined.

The warranty will be carried out as a replacement or repair from our side. Warranty beyond this will be denied as we are unable to check the handling of the gun nor the types of knot filler/adhesive used in the gun.

7 Conformity declaration

We, Bøgh Consult Denmark A/S, Charles Lindberghs Vej 6, 9430 Vadum, hereby declare that BCD180 Knot filler gun complies with following regulations:

EN 55014
EN 60335-2-45

To the best of our knowledge the information given herewith is accurate. However no liability what so ever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards that exist.

Issued by: Susanne Bøgh