

Cable Installation Guide

Openreach Installation Procedure For The 10mm² Hybrid Cable

CIG0119 GB

Product Application






This instruction details the Openreach procedure for the preparation of the Prysmian Group 10mm² Hybrid Cable.



Precautions and Warnings

- ! This guide is only valid for products purchased from or approved by Prysmian Group.
- ! During this procedure all local Health & Safety statutory regulations must be adhered to.

Tools and materials

1. Stripper Cable Sheath 7 BT Item Code:- 126853 	2. Scissors BT Item Code:- 116282 	3. Strippers Optical Fibre 1A BT Item Code:- 126826 	4. Pliers Wiring 5. BT Item Code:- 141714 
5. Paper Towelling BT Item Code:- 090889 			

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Cable End Access Procedure

Step 1



Adjust the cutter depth to ensure that the blade cuts through the cable sheath.

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Step 2



Determine the amount of sheath to be removed and at the required distance mark the cable sheath.

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Step 3



Apply a circumferential cut to the cable sheath at the mark in Step 2.

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Step 4



Apply a circumferential cut to the cable sheath at a point 150mm from the end of the cable.

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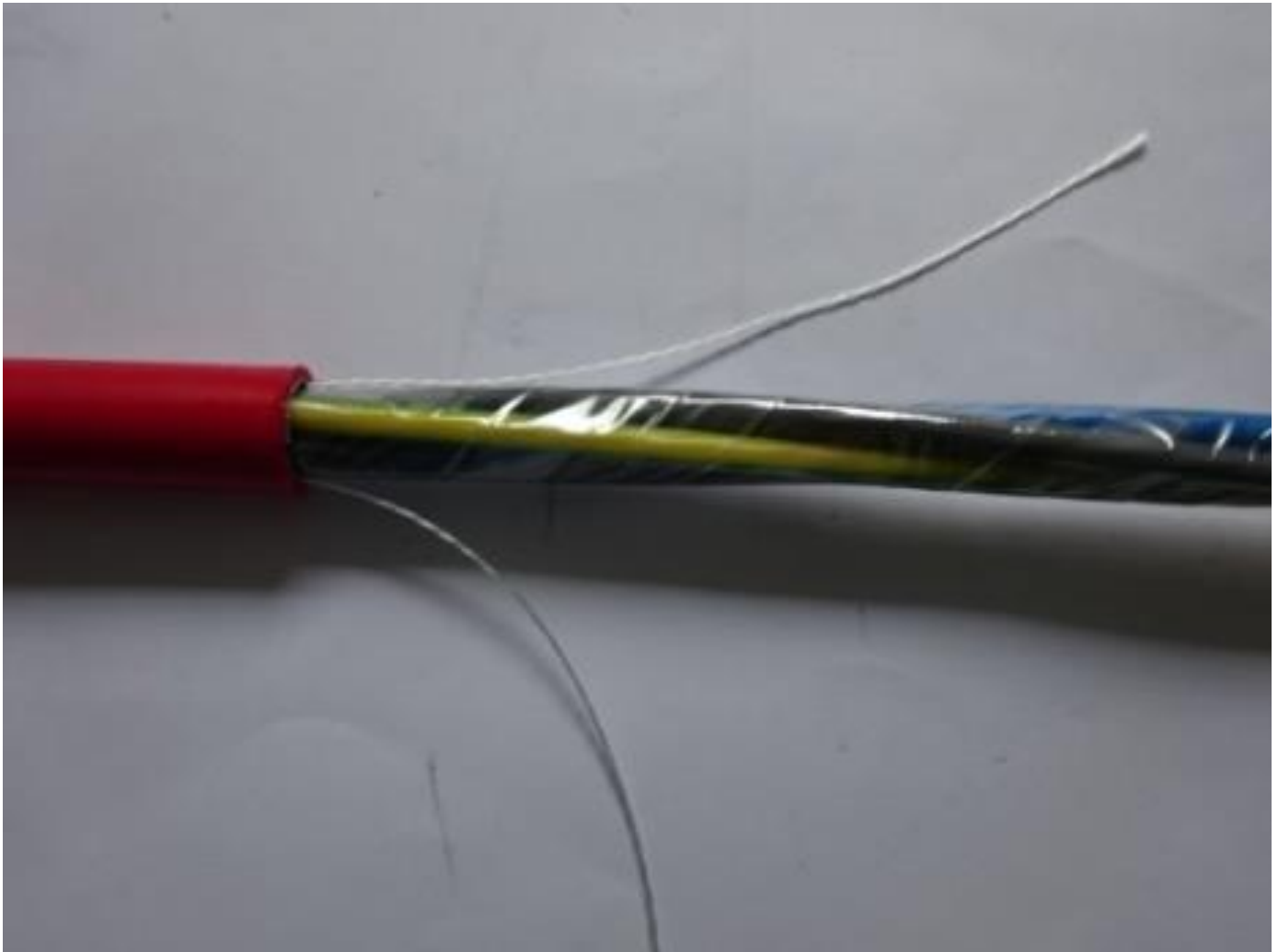
Step 5



Remove the 150mm section of cable sheath

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Step 6



Identify the rip cords.

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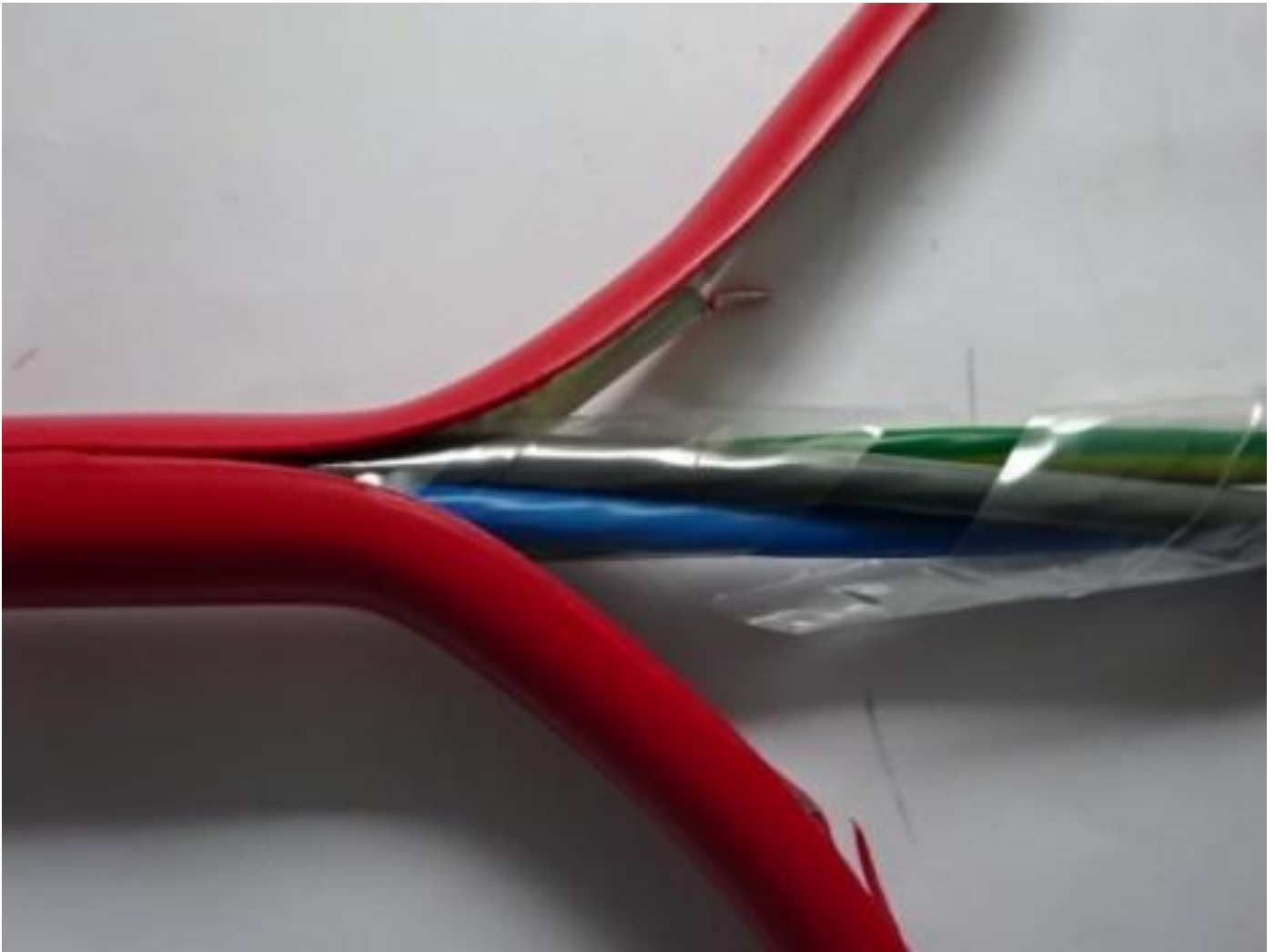
Step 7



Using the rip cords apply two longitudinal cuts to the cable sheath to the mark identified in Step 2.

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Step 8



Carefully pull the split sheath away from the cable core.

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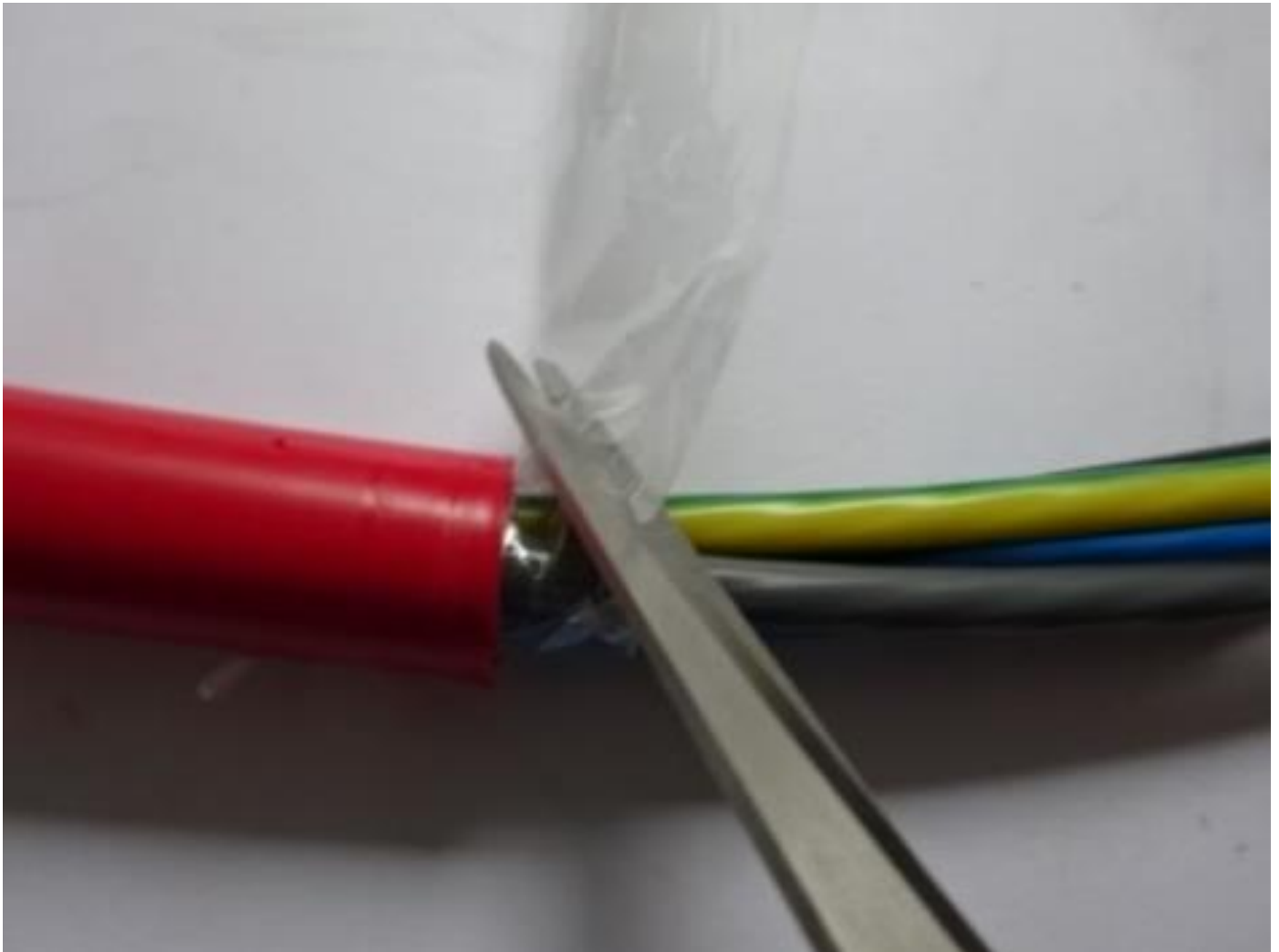
Step 9



Cut the rip cords.

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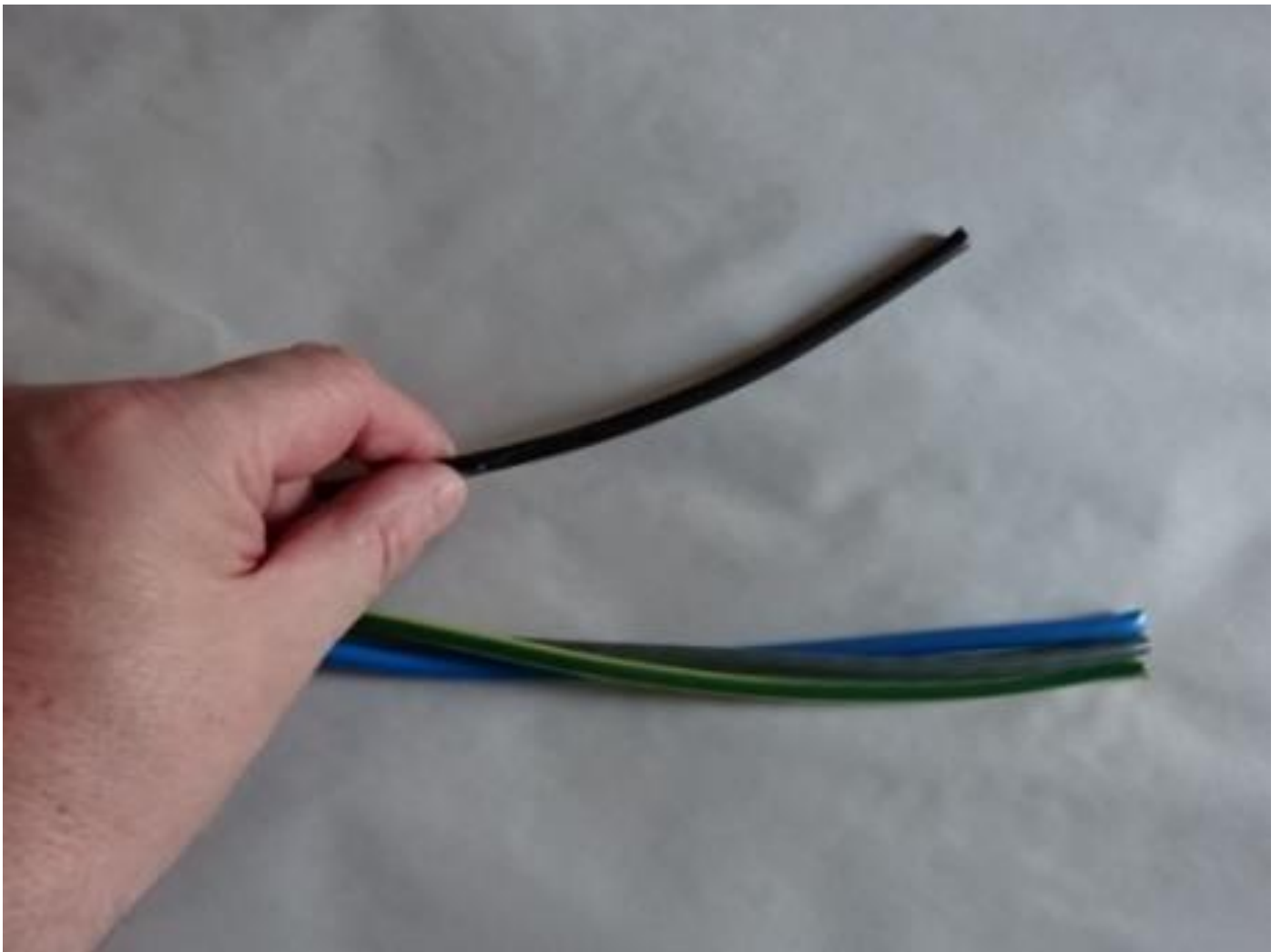
Step 10



Cut the wrapping tape.

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Step 11



Identify the tube element containing the fibre unit.

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Step 12



At the relevant position apply a circumferential cut to the tube and flex the cut. Remove the section of tube.

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Cable End Access Procedure

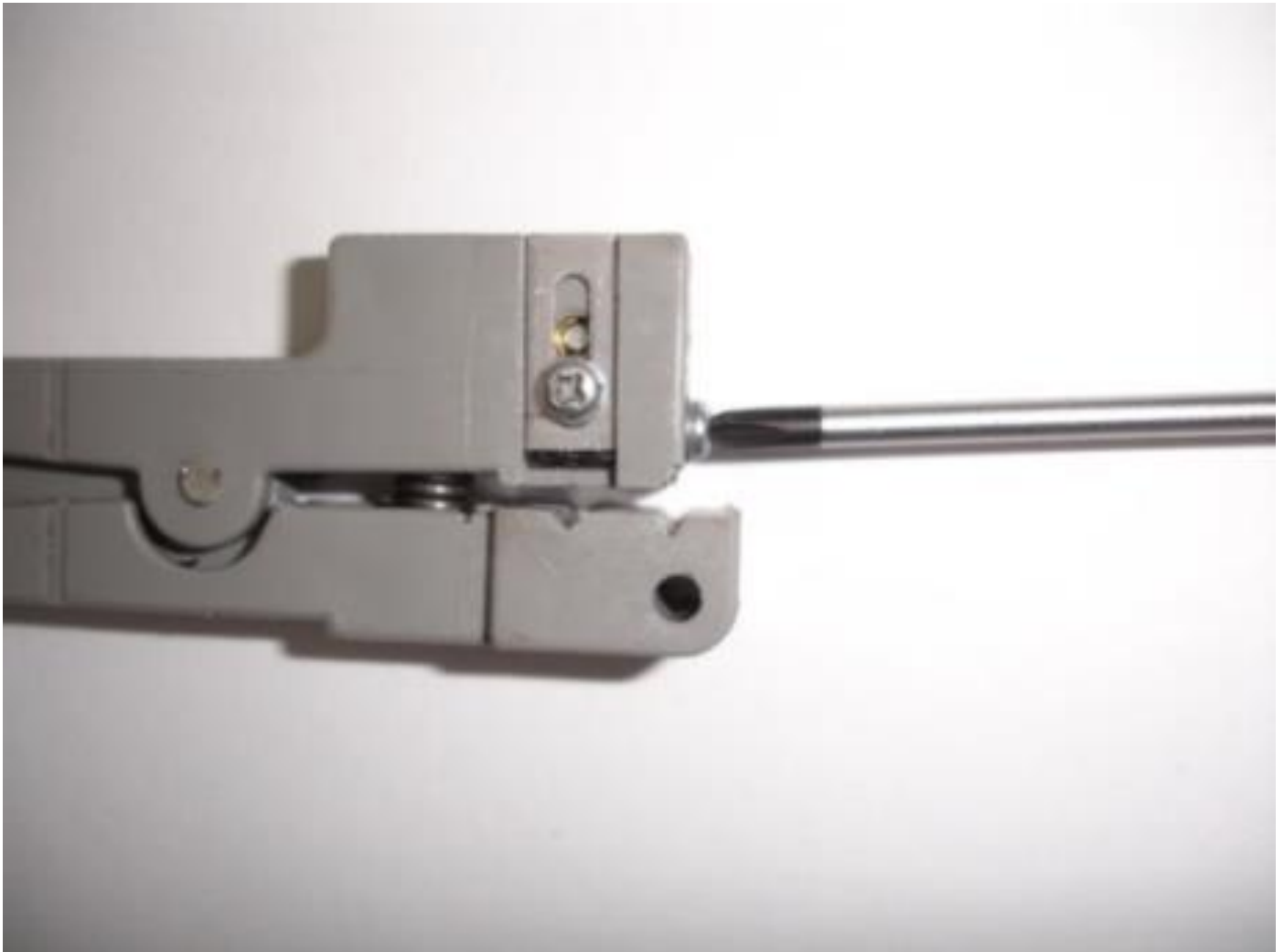
Step 13



On a scrap section of unit set the depth of cut for the longitudinal and circumferential cutters.
The cut should not damage the resin coating beneath the sheath.

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Step 14



The depth can be adjusted using the screws on the side and face of the Stripper Fibre 1A.

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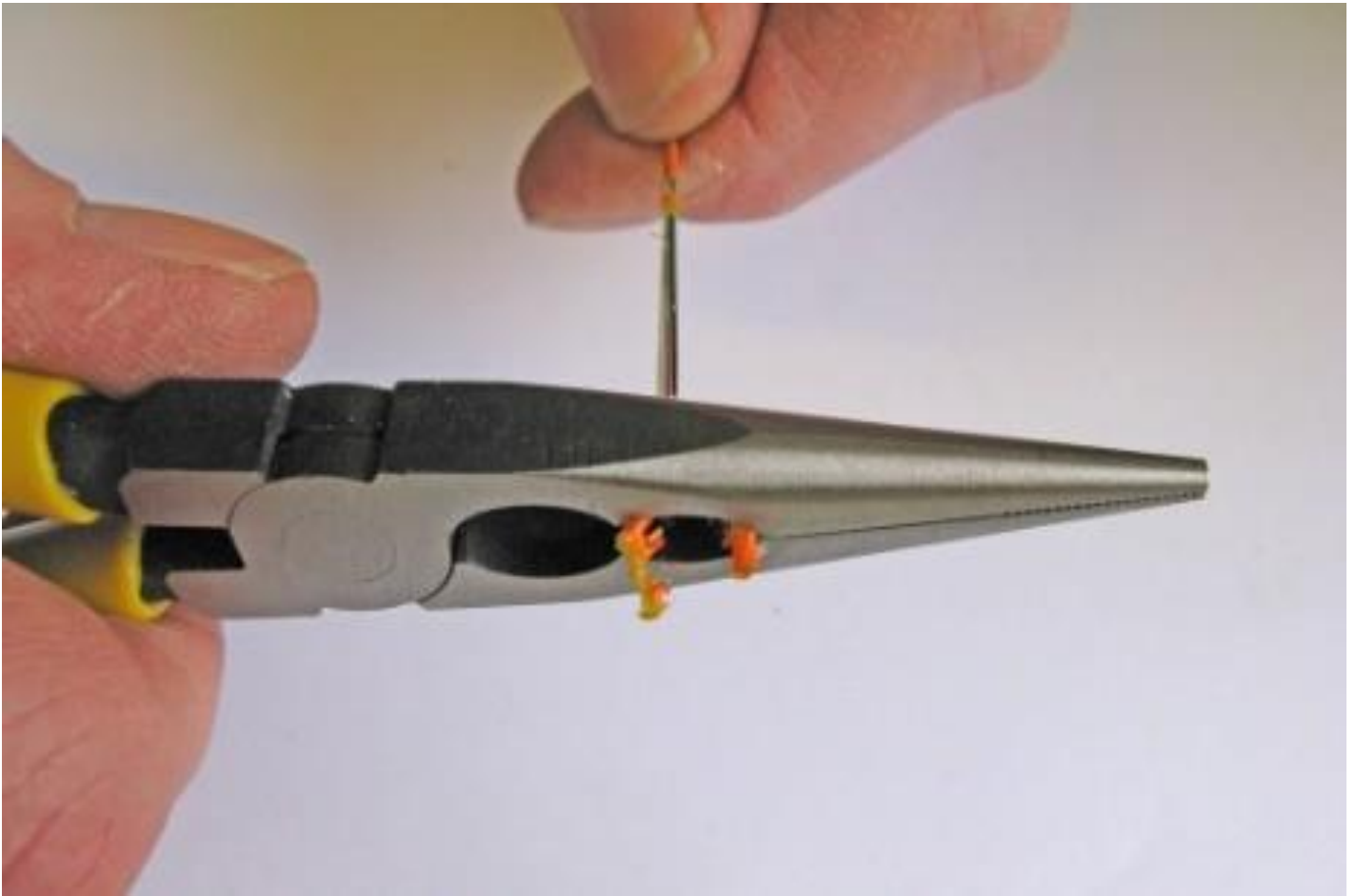
Step 15



Determine the length of fibre to be exposed and identify the point where the sheath removal is to finish.

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Step 16



Using the Pliers Wiring 5 remove 20mm of coating from the fibre bundle.

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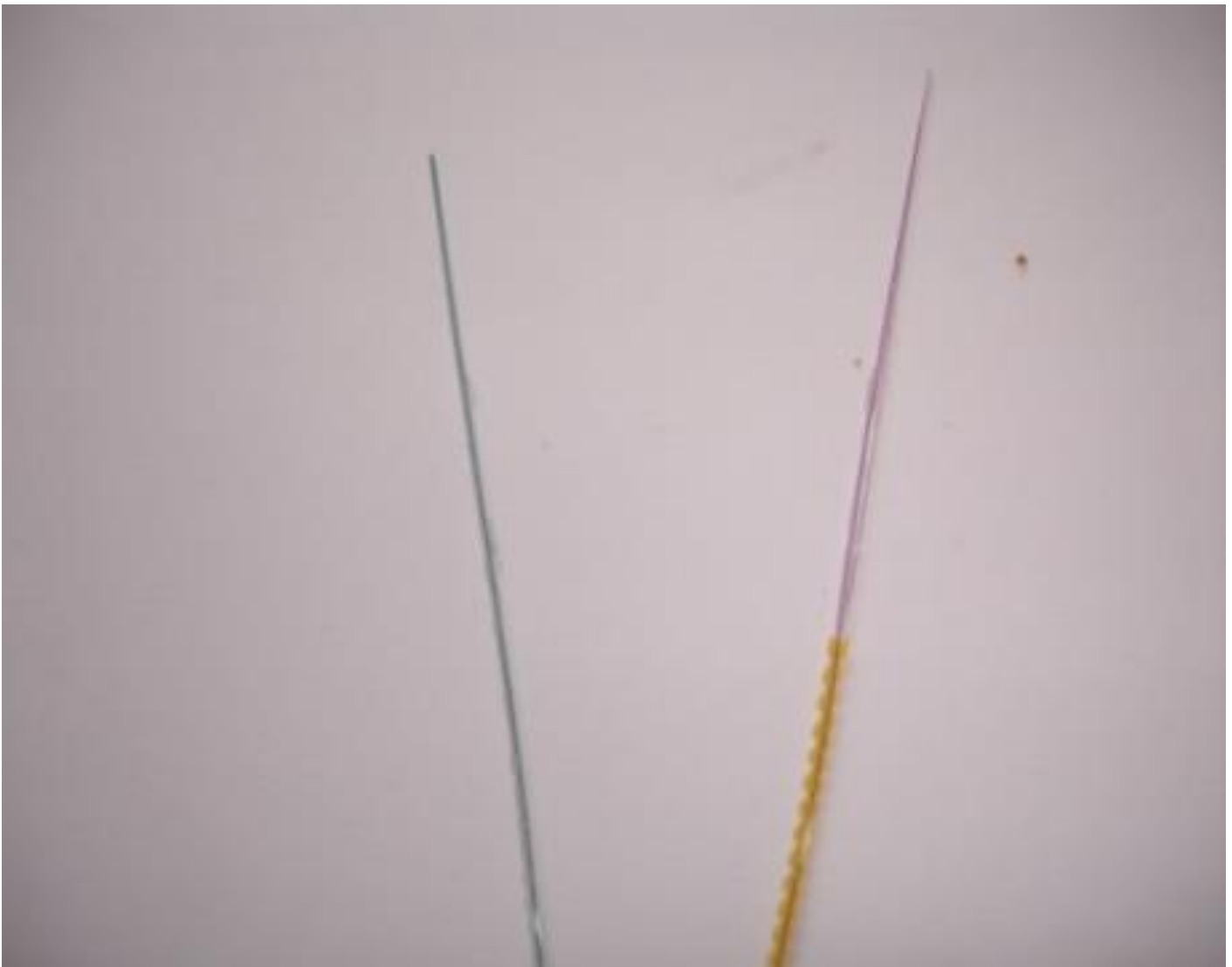
Step 17



Group the turquoise, grey, violet, blue black, white and the pink, orange, green, brown, red, yellow fibres and gently pull the two fibre groups apart until the required amount of optical fibre has been separated.

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Step 18



Taking the group containing the turquoise fibre group the turquoise, violet and blue and the grey, black and white fibres into two groups and gently pull the two groups apart.

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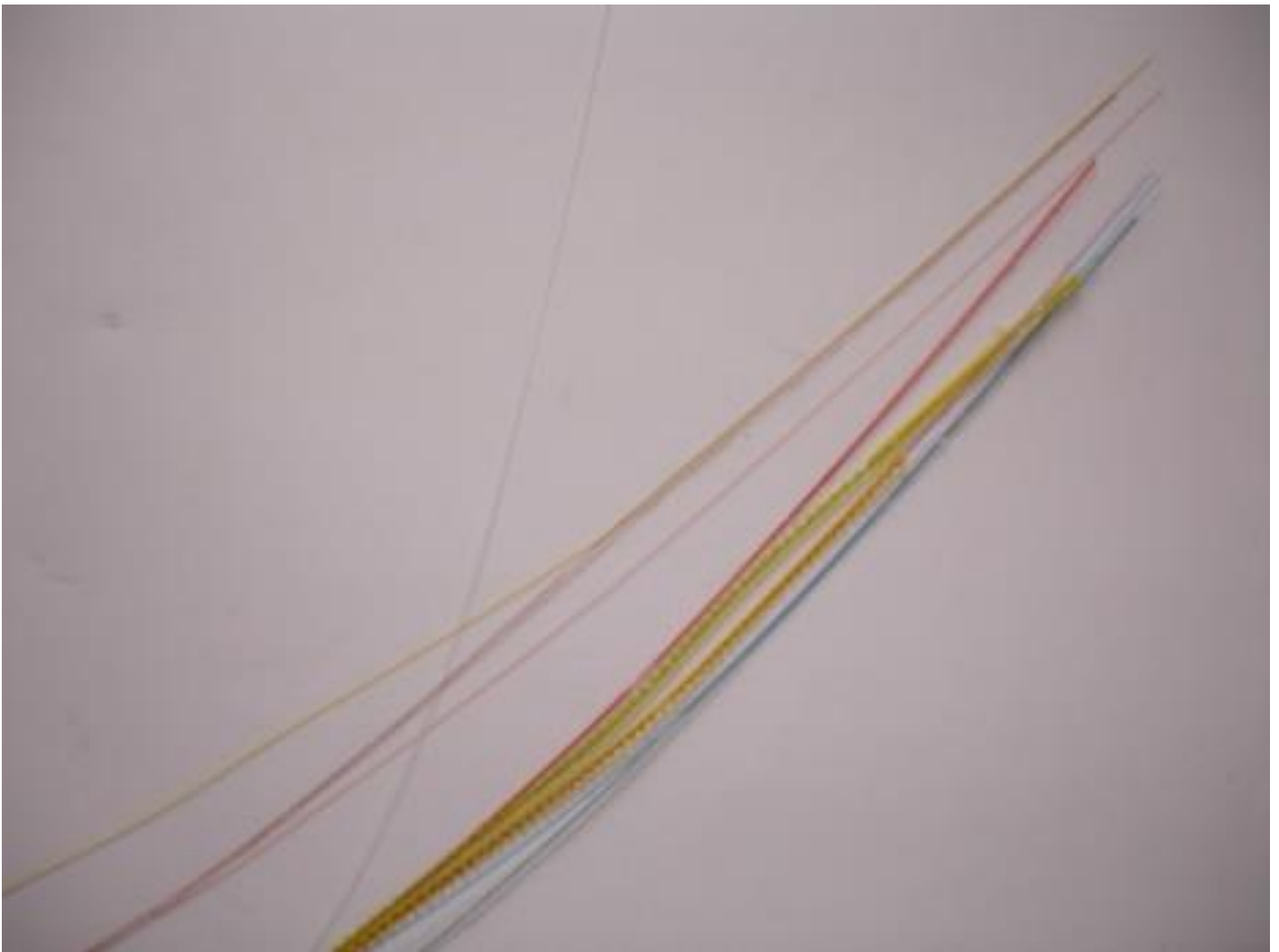
Step 19



Taking the group containing the pink fibre group the pink, brown and red fibres and the orange, green and yellow, fibres into two groups and gently pull the two groups apart.

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Step 20



These four groups of 3 fibres can be split into individual fibres.

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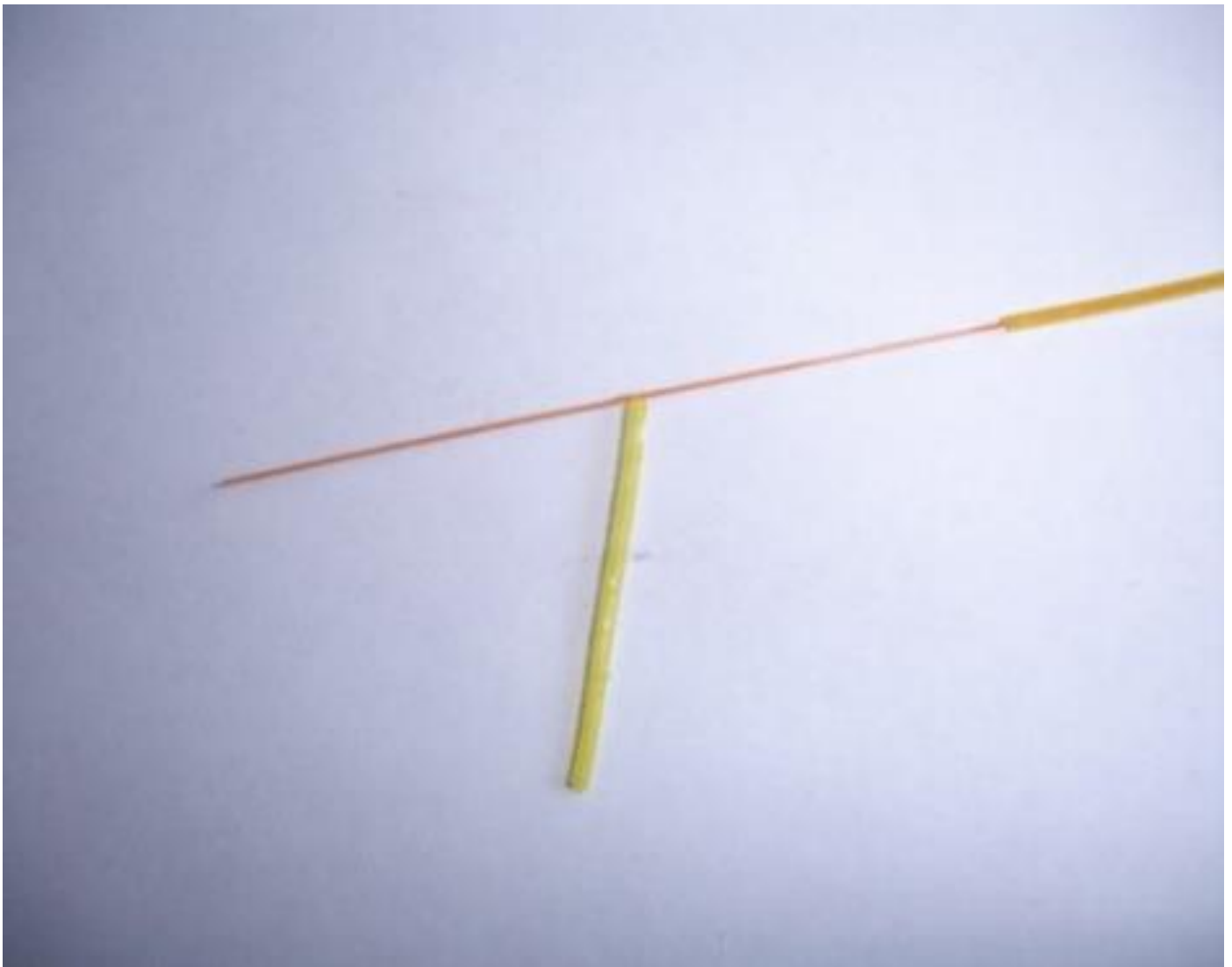
Step 21



The unit coating will remain on a few of the individual optical fibres.

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Step 22



The thick amounts of resin can be removed by peeling it off with fingers

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Step 23



Using the Paper Towelling give the optical fibres a final wipe to ensure that there is no more resin on the optical fibres. Once again wipe towards the free end of the fibre.

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Contact information

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