

Multiduct joining procedure

The following instruction details the method for stripping and joining Gigaclear multiduct bundles. It is recommended to stagger the connectors to prevent any 'bulging' in that area. It is also recommended that no connectors are installed on a bend.

You'll need-

- 71580 – 16mm DB connectors
- 74011 - 8mm connectors
- 70935 – Dismantling knife
- 70768 – Thick wall microduct cutter
- 7014 – Primary tube cutter
- 71437 – Large microduct rounding tool
- 7949 – Standard microduct rounding tool
- Cut resistant gloves



1. Place the safety tip of the knife between the gaps in the microduct bundle. The safety tip prevents damage to the micro ducts



2. Pull the knife down the micro duct away from your hand



3. When the desired length of longitudinal cut has been completed (30-40cm) turn the handle of the knife 90 degrees and lift the blade out.



4. With the dismantling knife at 90 degrees to the product, score the sheath all the way round



5. Once the rotational score has been completed the sheath can be removed



6. The sheath tears easily where the score marks were made.

***Repeat steps 1-6 on the tube bundle that you wish to connect to. Once completed, the tubes are ready to be connected.**



7. Taking one of the 16mm micro ducts, cut to the required length using the thick wall micro duct cutters, repeat for the micro duct you are joining to



8. Ensure both ends of the micro ducts are free from rough edges and are round by inserting the large micro duct rounding tool and rotating 3 or 4 times



9. Once both ends are ready, insert them into the 16mm connector, ensuring both ends reach the small lines on the connector and do not pull back out. When both ends are in, close the cover on the connector.

***Repeat steps 7,8 and 9 for all 16mm micro ducts, whilst staggering the connections to prevent 'nesting'**



10. Taking one of the 8mm micro ducts, cut to the required length using the thick wall micro duct cutters, repeat for the micro duct you are joining to



11. Ensure both ends of the micro ducts are free from rough edges and are round using the standard microduct rounding tool



12. Once both ends are ready insert them into the 8mm connector, ensuring both ends are all the way in and will not pull back out

***Repeat steps 10-12 for all 8mm micro ducts whilst staggering the connections to prevent 'nesting'**



The micro duct bundles are now fully connected. Note the staggering of connections to prevent 'nesting'



Make sure the configuration of the tube bundles match up to prevent having to twist the micro ducts. (pictured above)