

Length cutting and assembly information for cable protection hoses

Cutting bare or plastic-coated metal cable protection hoses (types 101–109)

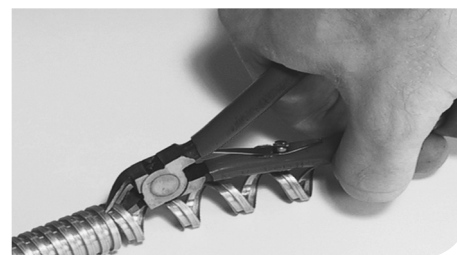
By bending



Step 1:
Cut through the plastic mantle, if existing.



Step 2:
Bend the metal hose.

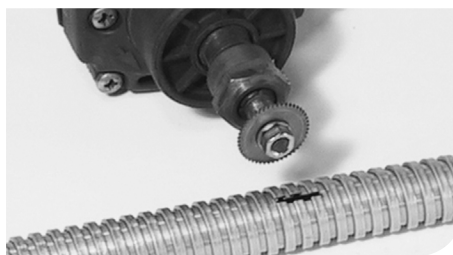


Step 3:
Remove the protruding profile using tin snips or pliers.

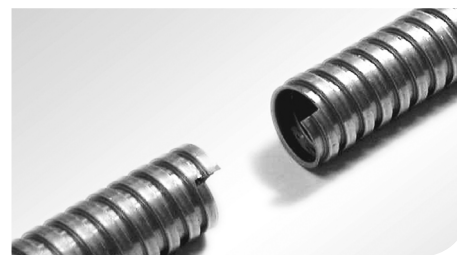
By cutting



Step 1:
Cut through the plastic mantle, if present.

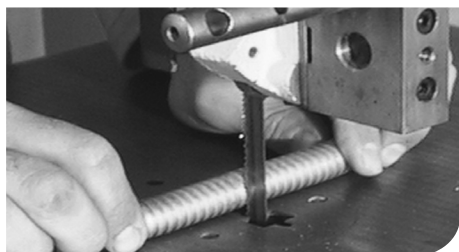


Step 2:
Cut axially using a small carbide saw blade.



Step 3:
Separate the hose ends by twisting them apart.

By sawing



Cut through at high cutting speed using a band saw.

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NORDUC® one-hand assembly system

Thanks to the conical inner side and locking lugs, the fitting is universally suitable for many corrugated hose profiles, including standard, wide and UFW profiles. In this combination, protection class IP65 is achieved in accordance with EN 60529 / IEC 60529. With an O-ring seal in the first corrugation valley of the hose, or in the first and second corrugation valleys for nominal size 50, protection class IP68 is achieved.



Step 1:
Cut the hose on a corrugation peak for the optimum protection class of the hose and fitting.



Step 2:
Insert the hose into the closed fitting as far as it will go to assemble the fitting.



Step 3:
Gently pull the corrugated hose back inside the fitting until the locking mechanism engages securely.



Step 4:
Swing the locking lugs outwards to remove the fitting.



Step 5:
Pull the corrugated hose out of the fitting.



Step 6:
Press the locking lugs inwards – the NORDUC® assembly system is ready for use again.