When assembling “M” hoses according to EN 12 115 the metallic conductors are connected. Electrical resistance of completed hose assembly: max. 100 Ω

Example: EFS 50 ( “ELAFLON“ )

Cut the cover all around, one longitudinal cut. Cut should not be too deep to avoid damage of the copper strands.

Expose both copper strands with cutter and pliers.

Bend strands backwards and shorten hose.

Required tools

Put hose into vice. Remove cover all around.

Hoses and Fittings Department (SAT)
“M” hoses: metallic contact of copper strands and helix with hose tail

Assembly Instruction for “M” hoses
Bend helix inside with pipe wrench. Press the pointed end of the helix close against the tube ...

... to avoid damages to the hose tail during assembly.

Distance of ca. 3 mm should remain between helix bent and the tube after pressing the pointed end inside.

Bend helix inside with pipe wrench. Press the pointed end of the helix close against the tube ...

Final position after bending the helix.

Max. 10 mm extended into hose

Min. 2 mm distance to cutting edge

Shorten copper strands that they extend ca. 10 mm into the hose. Bend strands inside in longitudinal direction.