

PRODUCT INFORMATION

'O' CLIPS

SUMMARY

'O' clips are used in association with hose nut and tail combinations and with hose check valves to secure a length of flexible gas hose to the appropriate fitting. The hose is passed over the hose tail or hose check valve and secured onto it using the correct size of 'o'-clip.



FURTHER INFORMATION

An 'o'-clip is 'sealed' to the hose by the use of 'o'-clip pliers, which crimp the clip at the two sides to provide a gastight connection. Pliers are available from Weldability under part number DZ0020.

'O'-clips are available from Weldability in many different sizes, to suit all popular hose dimensions from 5mm to 10mm 4-ply. Sizes are given in metric and imperial measurements.

'O'-Clips are the only acceptable method for clamping flexible gas hose to fittings (tails, hose check valves, etc) in the field. Safe practice does not allow the use of jubilee clips in attaching hose.

NOTES

Weldability stock a complete range of gas equipment, which features many hose attachments. These attachments include hose tails (DA2001414 – DA2003856), splicers (DA30014 – DA30056), hose couplers (DA4001414LH – DA4003838RH), hose check valves (DA5001414LH – DA5003856RH) and adaptors (DA6003814BLH – DA6003814SRH).

ARTICLES & ACCESSORIES

Part Number	Product Description
DA70012	HOSE CLIP 1/2 (11-13MM)(5MM HOSE)
DA70014	HOSE CLIP 1/4 (5-7MM)
DA70034	HOSE CLIP 3/4(17-20MM)(10MM HOSE)
DA70036	HOSE CLIP 3/16
DA70038	HOSE CLIP 3/8 (8-11MM)

DA70056	HOSE CLIP 5/16 (7-9MM)
DA70058	HOSE CLIP 5/8 (15-18MM)(8MM HOSE)
DA70076	HOSE CLIP 7/16 (9-11MM)
DA70078	HOSE CLIP 7/8(20-23MM)(10MM 4PLY)
DA70096	HOSE CLIP 9/16(13-15MM)(6MM HOSE)

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@weldability-sif.com

SELECTING THE RIGHT SIZE 'O' CLIP

Selection of the correct size of O Clip is essential. Once the OD (outside diameter) of the tube/application has been determined approximately 0.4mm should be added, this allows for correct closure of the ears as demonstrated below.

Following this select a hose clamp so that the outside diameter of the hose is approximately in the middle of the clamping range of the clamp so that when installed with the correct clamping force, the ears are almost closed.

The ears of these clamps should be closed with the recommended, uniform force. This method will result in a constant, reproduction of stress within the clamp material, without overloading either the clamp or the parts being assembled.

Example Hose OD (inclusive of any fittings) 11.4 (inclusive of the 0.4mm allowance) we would select the size 10-12mm for this application.

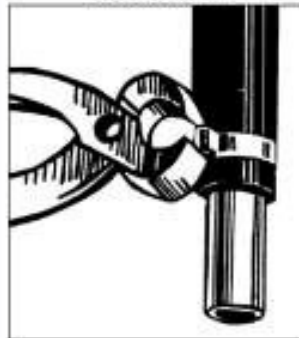
Fitting Details

Ear clip pincers are most effective for fitting and removing clips

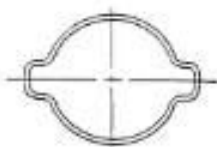
Application



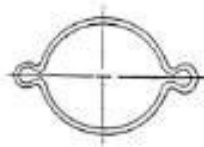
Removal



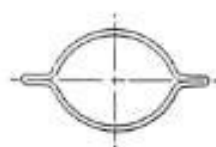
Closure information: Correctly closing the clip is paramount to achieve optimum sealing performance



Open clip



Closed correctly



Closed incorrectly