

# Hose

## COMET Bulk Hoses

AS

Part No.	Single/Twin	Gas type	Colour	Length	Nominal bore dia.	Standard
7904501	T	Oxy/Acetylene	Blue/Red	100 m	5mm	AS1335
7904509	T	OxyLP Gas	Blue/Orange	100 m	5mm	AS1335
7904503	S	Oxygen	Blue	100 m	5mm	AS1335
7904520	S	Inert	Black	100 m	5mm	AS1335
7904506	S	Oxygen	Blue	100 m	10mm	AS1335
7904505	S	Acetylene	Red	100 m	10mm	AS1335
7904507	S	LP Gas	Orange	100 m	10mm	AS1335

5mm Oxy/Acetylene



5mm Oxy/LPG



5mm Oxygen



5mm Inert



10mm Oxygen



10mm Acetylene



10mm LPG



### Technical Tip

#### HOSE – Handling and Care

Long lengths of hose are not desirable. They tend to kink, are vulnerable to mistreatment. When long lengths must be used, be sure all connections are tight and ensure hose is protected from being stepped on, run over, kinked or tangled. Never use wire or insulation tape to fasten hose to connections nor to couple lengths of hose. Use only CIGWELD hose connections and couplings. Protect hose from sparks, hot slag, hot edges or open flames. Keep hose away from grease and oil. All new hose should be blown out before connecting welding equipment to remove talc, dust or water. Do not crimp hose to stop flow of gases temporarily when, for example, changing blowpipe. Red hose should always be used for fuel gas – blue hose for oxygen. Use only hose designed specially for oxygen and fuel gases. Hose specially manufactured for the purpose should only be used in cases where it may come into contact with liquid LP gas, such as when used with cylinders fitted with eductor tubes. Purge each length of hose before lighting the blowpipe. In other words, when hose is to be reconnected, treat it as you would new hose; before lighting up, pass through it some of the gas with which it is to be used.

Examine all hose periodically for leaks, worn parts, and loose connections. Test for leaks by immersing the hose in water. Carry out this test at normal working pressures. Should leaks or worn parts be found, at once cut out the section containing them. Remake joints with CIGWELD hose couplings.

The procedure to be adopted when re-fitting a connection to rubber hose:

- Slide connection taper sleeve over rubber hose.
- Attach nut and nipple to a blowpipe inlet connection.
- Hold the taper sleeve on the hose firmly with one hand and screw the blowpipe, with nut and nipple attached, into the sleeve and hose.

Never use a steel or copper pipe to make a temporary or permanent joint. Do not try to repair hose with tape.

If hose is burned in a flashback, discard that length of hose. Flashbacks may burn inner walls, making hose unsafe or cause further instability to the blowpipe equipment by blockage.