

User Information Sheet 005

Formerly LPGA Technical Memorandum NO.66 – October 1999

LPG HOSE AND TUBING FOR USE WITH VAPOUR OFFTAKE CYLINDERS

1. Introduction

UKLPG has been made aware of two incidents involving the inappropriate use of hose and tubing.

Hose is of two ply construction and designed for use with high pressure gas. It should comply with BS3212 type 2 and be marked BS3212:1991/2/x/High Pressure LPG, the manufacturers name or symbol and the date of manufacture. It is available in a number of sizes to suit various applications. The x indicates the internal diameter. Hose to Type 2 is suitable for use at all pressures up to 17.5bar. It is usually coloured orange (Heavy duty pre assembled pigtailed may however be black).

Tubing is single ply construction and designed for use with low-pressure gas. It should comply with BS3212 type 1 and be marked BS3212:1991/1/x/LOW PRESSURE LPG, the manufacturers name or symbol and the date of manufacture. It is usually only available in 8 mm internal diameter (x = 8). Tubing is only suitable for use at pressures not exceeding 50 mbar. It is black in colour.

Whilst there is no specific service life or exchange interval, LPG hose and tubing should be regularly visually inspected for cuts, abrasion, discoloration, deterioration and damage and IMMEDIATELY replaced.

2. Action by Dealers and Retailers

When supplying hose or tubing dealers and retailers should ask:-

- whether the customer needs high pressure hose or low pressure tubing;
- what the customer needs the hose or tubing for.