

***TracPipe* corrugated stainless steel semi-rigid pipe and associated fittings for low-pressure gas pipework – SAMPLE SPECIFICATION.**

GAS PIPING

The gas piping material shall be Corrugated Stainless Steel Semi-rigid pipe Kitemarked to British Standard BS 7838 and installed in accordance with British Standards BS 6891, (2nd family gases), or BS 5482:Part 1, (3rd family gases), in domestic premises, or in accordance with the Institution of Gas Engineers publication IGE/UP/2 in other premises.

The stainless steel tubing should not be annealed after forming to ensure maximum crush resistance, and the attachment fittings must have a metal-to-metal seat to accomplish gas sealing. Elastomer seal rings or fibre gaskets are not permitted in the tubing to fittings sealing mechanism.

A non-metallic jacket, coloured yellow ochre, and marked 'GAS', of non-halogenated, fire and smoke retardant polyethylene shall be used. Polyvinyl chloride (PVC) is not permitted as a jacket material.

Where piping penetrates floor slabs evidence of a minimum 2 hour fire rating is required for the gas piping material.

The gas piping material shall satisfy the requirements in BS 6891 for sleeved pipe, such that the piping can pass through unventilated voids, without joints, whilst maintaining its sleeved integrity.

For timber frame housing, (refer to IGE/UP/7), the sleeving must be maintained, as above, without joints, where the pipework passes through unventilated voids in the construction.

(Type *TracPipe* semi-rigid gas piping, available from OmegaFlex Limited, Kildare House, Wildmere Road, Banbury Oxfordshire OX16 3JU Tel: 0870 286 85 85, or approved equivalent.)