



Flexible Conduit Systems

SPL, SPLHC, SPUL Fittings



Construction & Features

These are compression fittings manufactured in nickel-plated brass to provide high corrosion resistance. A scrolled insert screws into the internal helix of the conduit to give mechanical strength and protect cables from sharp edges of the cut conduit. A compression nut screws onto the fitting body which compresses a nylon seal onto the smooth outer surface of the conduit and seals the joint between fitting and conduit. Liquid tight fittings come complete with insulated throat (12-32mm sizes) and a flat face seal. Adaptaflex offer three main types of liquid tight fittings, which

are as follows:

A Types -This fitting is extremely compact and slim, it has a fixed external thread and is not suitable for use with threaded entries, however, it does have the advantage of being able to be quickly assembled onto liquid tight conduit without having to be disassembled onto since the scrolled insert is an integral part of the fitting body.

B Types -This fitting is extremely slim and has a swivel male (external) thread, being suitable for either knockouts or threaded entries. It has the advantage of being able to be quickly assembled to liquid tight conduit without being able to be disassembled since the scrolled insert is an integral part of the fitting body. The swivel thread will continue to rotate after the fitting has been assembled and spannered tight onto the conduit although it is not designed for regular rotation during use. The liquid tight seal between the swivel thread and the fitting body is maintained by means of an internal 'O' ring and compressed within the joint. This fitting is patented.

M Types -This fitting, with external terminating thread, is compact and is suitable for both knockouts or threaded entries. The fitting must be disassembled before it can be fitted to liquid tight conduit since the scrolled insert is separate from the fitting body. The scrolled insert is machined from brass then nickel-plated and incorporates a knurled OD to make assembly and tightening easy and to eliminate the possibility of sharp edges. Prior to final tightening the fitting can be swivelled for threaded entries. After the fitting is spannered tight onto the conduit, the fitting becomes fixed.

Threads - ISO metric (M), NPT and PG threads are available and other thread forms are available upon request. Internal threaded fittings to connect onto military style plugs are available upon request.

Elbows -90° and 45° elbows with external and internal threads are available which can be screwed onto any liquid tight fitting. They are machined, gunmetal castings, which are then nickel-plated. They have swept internal bores to facilitate the insertion of cables and come complete with insulated throats and face seal 'O' ring.



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