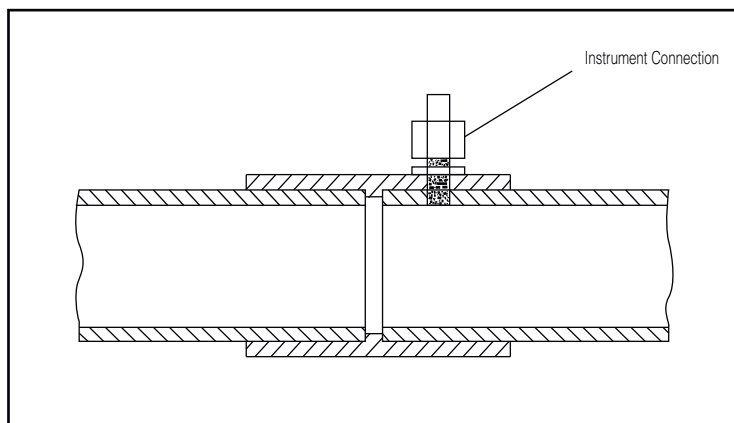


## Mechanical joints on plastic piping

### Threaded Instrumentation Connections

Where possible threaded instrumentation connections should be made using moulded reducing fittings with a female branch such as reducing tees or saddles. If socket type fittings have been used but space does not permit the use of such fittings it is possible to drill through a pipe and fitting where the material is at its thickest and tapping the hole to provide the connection. Note that threaded tapings of this type are limited to a 9 bar maximum working pressure.



Connection be made using most types of fitting, including sockets (shown above), tees or elbows.

The largest recommended connection size is as follows:-

Pipe Size (inch)	Pipe Size (mm)	Size of Connection
3/8" - 2"	16mm - 63mm	Use moulded fitting
2 1/2" - 4"	75mm - 110mm	Max. Tapping 1/2" BSP
5"	125mm - 140mm	Max. Tapping 3/4" BSP
6" and above	160mm and above	Max. Tapping 1" BSP

For installations using spigot welded fittings, it is possible to use a machined Polypropylene or PVDF instrumentation fitting that can be butt welded directly into the pipeline



PVDF spigot weld instrumentation fitting