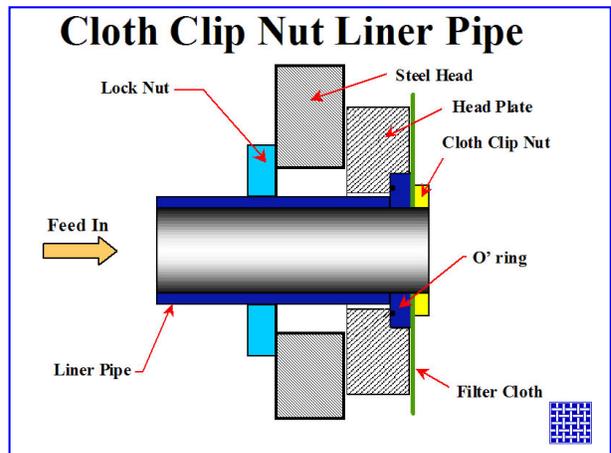
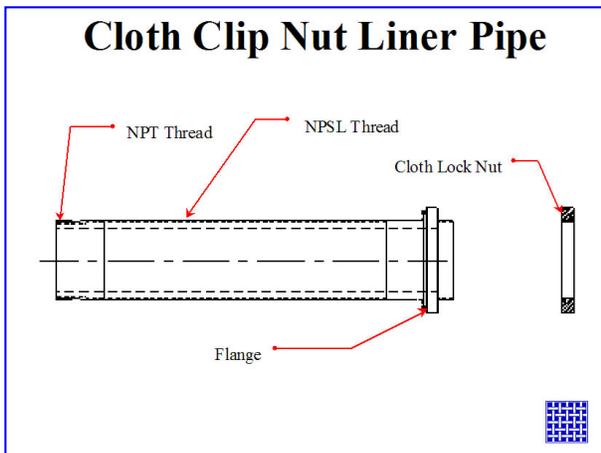


**THE PLATE SIDE OF THE FILTER**

Filtrate liner pipes can be designed to use a flanged connection (usually seats in a counter bore in a flat connector plate) or NPT connection (either threads into a flat connector plate or threads into the back of the first half plate – the Headplate).

**THE PIPING SIDE OF THE FILTER**

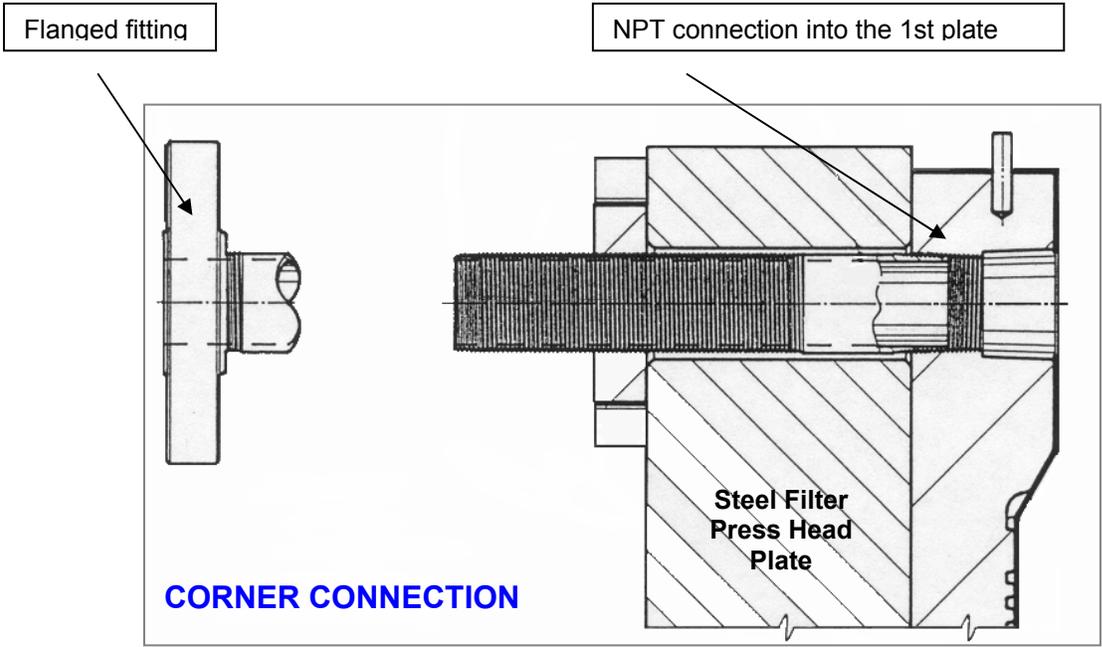
Filtrate liner pipes can terminate on the piping side of the filter with an NPT connection, to which a threaded flanged connection is made. In cases where an NPT thread is used on the plate side of the filter (CPVC, plastic or steel liners) a flange may be glued or welded to the piping side or an NPT thread provided for the manifold piping connection.



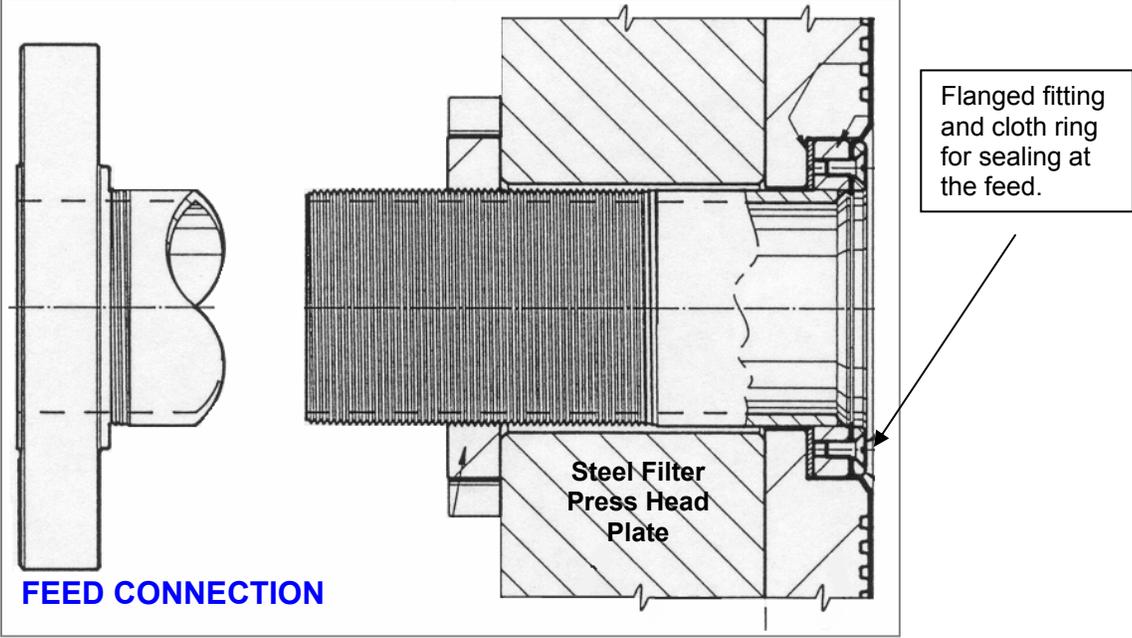
**THE FEED INLET AND CONNECTION**

The feed liner pipe may have an NPT connection into the back of the Feedhead, with a cloth ring to seal the filter cloth. Or, the pipe is sealed with O ring and a cloth “nut” seals the first filter cloth.

In all cases a lock nut is used to tighten up the assembly to the filter framework.



1<sup>st</sup> Filter Plate



The drawings show common methods for feed plate connections. In some cases NPT threads are used to connect the Head (1<sup>st</sup>) plate. Another method uses a 1" connector plate, either flanged fittings into counter bored holes or NPT threads create the seal. Contact Micronics if you need additional help with your filter press or plate set up.