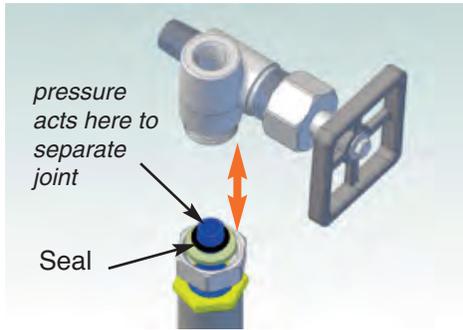


STRONGBACK recommended when mounting tubular gage valves to extended piping



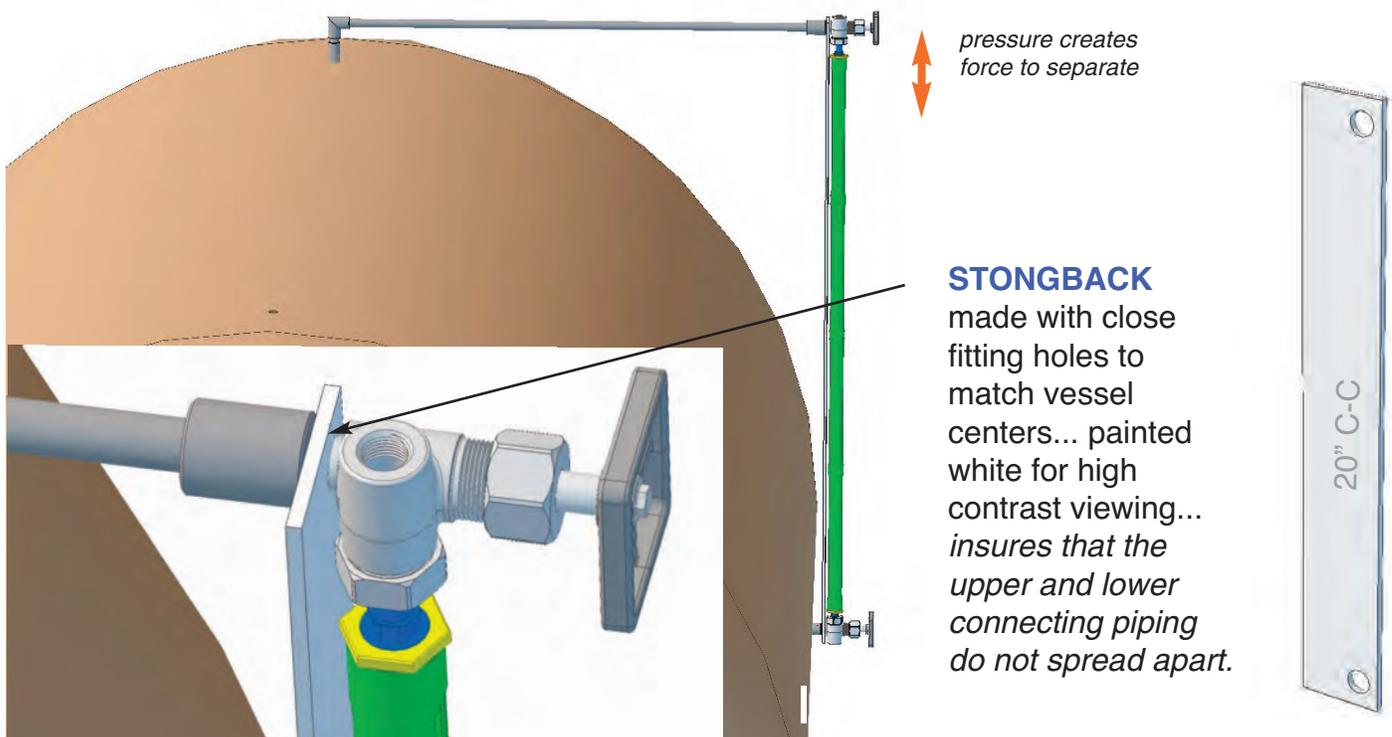
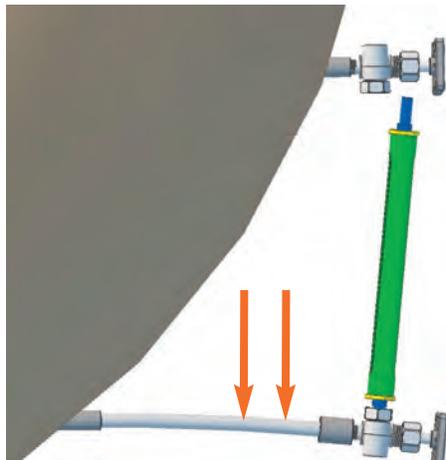
Tubular gage valves use a slip fit (no threads) to connect to the level gage. The level gage inserts into the valve by 3/8" at each end. If the valve and gage are allowed to separate by more than 1/4" the seal will leak. Movement of 3/8" or more will cause disengagement.

When gage valves are closely connected to a rigid structure such as the vessel wall, then movement is not possible.

When design includes extended piping, the valves can become separated and allow the level gage to disengage from the stuffingbox.

A heavy object striking a bendable section of connecting piping or an operator climbing can cause enough deflection to separate the joint.

Fluid pressure creates a force at both ends of the level gage, acting to separate the joints.



STRONGBACK made with close fitting holes to match vessel centers... painted white for high contrast viewing... insures that the upper and lower connecting piping do not spread apart.