



## Vertex Care and Handling

1. Be sure that the port where the Vertex model will be installed is free of all residual dried polymer from previous manufacturing processes. (**This is accomplished using Dynisco's Machine Hole Cleaning Kit: Part # 200100**).
2. In applications where the Vertex transducer will be removed in between production runs, such as in the manufacture of food products or medical tubing, only remove the Vertex when the polymer is at, or near, full process temperature. This will insure that you are pulling the transducer tip from molten conditions and therefore not causing any undue pulling effect on the diaphragm that could result in damage to the tip and a transducer that is then out of specification.
3. When a Vertex model is removed from an extruder and there is residual material on the tip **DO NOT** use a wire brush, wire wheel, blunt or sharp instrument to remove it. There are two acceptable ways of removing residual material from the tip of any pressure transducer:
  - A. After removing the Vertex sensor, carefully clean the diaphragm with a soft cloth or bronze wool while the medium is still malleable. Do not attempt to clean the Sensor by heating solidified plastic with a torch.
  - B. A solvent bath consisting of glycol can be used to soften the polymer and improve ease of removal. Simply place the tip of the Vertex transducer (being careful NOT to immerse the electronics) into the solvent bath for a specified period of time as dictated by when the residual polymer softens. This bath can be heated using numerous heat elements to increase effectiveness and shorten cycle time. Then follow procedure "A" above.