

# ENGINEERING SPECIFICATIONS

## PTFE EXPANSION JOINTS

PTFE expansion joints can be used on process pumps and equipment as indicated on the specifications, drawings and equipment schedules to absorb equipment and piping motions.

PTFE expansion joints are constructed of two, three or five convolutions of white PTFE material with stainless steel reinforcing rings. PTFE sealing surfaces will be flared out over the face of the backing flanges so that all wetted surfaces are PTFE.

Backing flanges is galvanized ductile iron. Built-on plated steel limit rods are attached to the backing flanges and set for the maximum rated extension of the connector.

PTFE expansion joints provide for axial travel, as well as parallel misalignment and angular rotation.

PTFE expansion joints will be TCH Series T2, T3 and T5.