



477-1T

INSTALLATION INSTRUCTIONS

PRECAUTION: Observe all depressurizing, cooling and safety procedures before installation.
Read all instructions before proceeding.

1. Make sure shaft is true (.003" (0,08 mm) run out maximum) and smooth with no burrs or grooves.
2. Remove old packing. Make butt cut rings. The preferred method is to wind the desired number of rings on a mandrel the same diameter as the shaft, and cut rings by making one straight cut parallel with mandrel. Make sure each ring fits the packing space properly. Never measure the calculated length of a packing ring and cut it. This practice will result in an improper mating of the ring joints in the stuffing box. An alternate method of cutting rings is to use the mechanical packing cutter.
3. Insert rings into stuffing box one ring at a time, and seat to location by tamping, preferably by using a Chesterton 176 Tamping Tool. Stagger all ring joints 90°. Turn shaft occasionally to assist seating.
4. Take-up gland nuts finger tight. Make sure there is initial leakage (20-30 drops per minute minimum). Back off gland bolts if necessary. Do not allow gland to heat up. Take up 1/12 turn (1/2 flat) at a time, no more than every 15 minutes until acceptable leakage is obtained. Make sure gland adjustments are applied evenly.
5. 477-1T should operate for extended periods without adjustments. To adjust during operation, tighten gland nuts one flat at a time allowing 1/2 hour between each adjustment.

