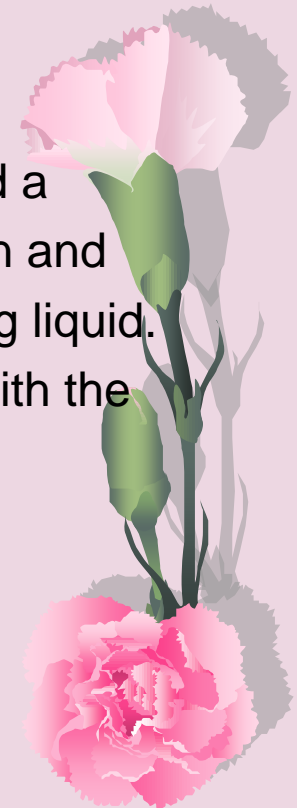


How to tighten gland packing

In the shaft seals used well with pumps, there are a mechanical seal and a gland packing. A mechanical seal has the advantage of less leakage, long life, standing a high pressure and etc. A gland packing is low-priced and its handling is easy, though it should increase leakage.

1 . Materials of gland packing

In many cases, the materials of a ground gasket is carbon fiber or carbonized fiber as a mother material with soaking PTFE, graphite and a lubricant. Therefore, in the pump that uses a gland packing, the carbon and the lubricant that contaminate and are mixed a little with pump handling liquid. A gland packing only of the PTFE is used so as not to mix impurities with the pump handling liquid.



How to tighten gland packing

2 . How to tighten gland packing

A gland packing is tightened by using the nuts while pushing the gland. First, when the pump is assembled, the gland packing is tightened considerably hard. Then, it tightens until becoming the proper leakage by using the nuts after the pump is started.

However, when using a ground gasket only of the PTFE material, attention is necessary for how to tighten the gland packing. When the pump is assembled, it tightens in the extent that the gland touches. It tightens gradually spending about 30 minutes after the pump is started, and it reaches the proper leakage.

