

Challenge

Background

- A mineral oil processing plant which sealed its stainless steel heat transfer oil pipe threads with a low-density PTFE tape experienced regular leakage.
- Frequent leaks caused regular cleaning expense and safety issues. The customer was constantly cleaning the floor.
- Customer wanted a complete sealing solution for all threaded and flanged assemblies.



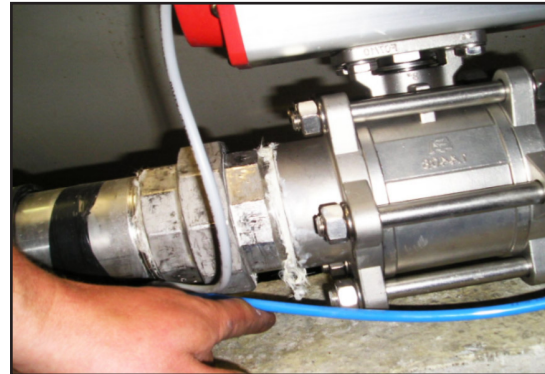
Leaking fittings are due to low-density PTFE Tape.

Solution

Product

Chesterton 800 GoldEnd® Tape used on threaded connections. The high density **800 GoldEnd® Tape** is 300% thicker and does not tear in the thread contact area.

Chesterton 860™ Moldable Polymer Gasketing (MPG) is used as gasket for flange connections and has eliminated oil leakage.



Pneumatic Ball Valve sealed with Chesterton 860 Moldable Polymer Gasket.

Results

Customer has achieved savings of over \$6,500 and improved worker safety.

Savings include:

- No waste of the thermo oil
- Reduction of several sheet gaskets to one gasket system
- Savings in maintenance man-hour
- Reduction in shut down costs

Customer now uses **Chesterton 860 MPG** in other sealing applications in the plant.

\$=USD



No loss of product, no safety issues and no damage to the environment.