

While installation of a GYLON BIO-ECO® gasket is quite simple, there are a few tips, we can offer.

Lock out/tag out procedures are recommended for any system work to ensure the safety of the installers. Make sure all personal workplace recommendations which can differ locally are followed up correctly and personal protective equipment (PPE) is correctly used.



- Make sure, the coupling has cooled down if exposed to elevated temperatures before. Open the coupling and remove the old gasket/ring. Often, gaskets will leave a residue that must be cleaned off prior to installation of a new. Make sure to clean them correctly and residues of the old gasket cannot fall into the coupling during cleaning process.
- Avoid scratches or damaging the coupling during cleaning procedure.
- Unpack the new gasket just in time before inserting and ensure, the gasket is right size. Check the new gasket for any kind of transport or packing damage prior to installation.
- Carefully insert the BIO-ECO® gasket into the coupling until the total bottom is reached and make sure the notch aligns with the groove and inserts (if present).
- At the entry of the thread, carefully begin closing the nut handwise, and screw down the thread until no movement can be felt anymore, close to the end of coupling.
- Attach correct sized pin-wrench/hook-wrench and if the wrench is operated manually, **close down as hard as you can** (without using extra lever arms). The gasket itself cannot be overpowered under mounting sequence in RT conditions, using a standard pin-wrench/hook-wrench.
- Retorquing allowed up to two times in cold conditions only. Since many gaskets are replaced on a scheduled basis, retightening is not usually to be done, testing has shown that sealability was improved and no issues with intrusion occurred if the fittings were retightened after installation.

We sometimes are asked:

- While many couplings are assembled by hand, some customers prefer to use a torque wrench. Torques are as follows:

Diameter Number	DN10	DN15	DN20	DN25	DN32	DN38 DN40	DN50 DN51	DN63,5 DN65	DN76 DN80	DN100 DN101S DN104S	DN125 and DN150
Torque min (Nm)	28	50	110	170	220	360	430	735	940	1300	ask Garlock
Torque max (Nm)	155	340	775	1200	1600	2000	3000	4960	5950	7400	ask Garlock

Nm is calculated between 15Mpa and 140Mpa load under mounting sequence.