

Seal Fabrication Centre



An essential part of most offshore constructions are the seals that are used to close off any seams that may exist. IHC Merwede has extensive knowledge of this crucial part of your installation. Our Seal Fabrication Centre combines knowledge, accuracy, experience and a long and proud heritage of both developing and producing high-quality seals for numerous applications.

To state the obvious; our seals are made to prevent leaking between two dynamic parts. To accomplish such a seal can incorporate multiple other parts like anti-extrusion rings, anti-collapsing rings or spacers.

Quality seals for every Purpose

As the seals are being used in critical applications like on FPSO's, the seals need to be of a singular high quality, made

of materials with very good chemical resistance. By using the right materials IHC Merwede achieves all of this, plus something other seals have not: a very low friction coefficient.

At IHC Merwede quality is everything. We realize the crucial role of seals; therefore we work with 100% quality control. This means that every aspect of the production process is completely monitored. For example, a deviation of 0,10 Celsius in temperature during machining will be measured and corrected immediately to ensure measurement accuracy.

Our commitment to providing you with the best seals imaginable is evident throughout the entire production process. We were not happy with the commercially available lathes we use in the production process so we designed and built our own CNC vertical lathe. In fact, we did this twice. Now, we at IHC Merwede can produce and machine seals, up to 3 meters in diameter without welding. Larger seals can be produced upon request.

Apart from producing, we would like to be your partner in designing your seals as well. In close cooperation with you, our customer, we will pay attention to everything including design pressure, medium to be used, lifespan and, of course, price. Materials that we have experience with include PTFE, modified PTFE (can be welded), PA and UHMWPE.



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