



## Odin DC (Diaphragm Closure)

During the offshore substructure installation phase, jackets are designed to be either self-upending or upended with the assistance of ballasting system or crane vessel. In order to ensure that the launched jacket can maintain the buoyancy and upend itself at the launch sequence, diaphragm closures are used to seal the jacket legs and skirt sleeves. It is an effective procedure that not only enables the jacket to float in the sea but also makes it easy to manoeuvre the installation movement on site.

Our Odin DC (Diaphragm Closure) is made from highly reinforced rubber and designed to withstand the hydrostatic pressure during jacket flooding operations. It is designed and fabricated with the highest quality polymers to ensure efficient, reliable performance. These closures are attached to the legs and skirt sleeves by means of fastening ring/flanges that also hold the rubber diaphragms. They can be quickly and easily pierced by the pile or by a cutting device to facilitate the installation movement. We can custom design our Odin DC to your specifications and to suit special operating conditions.

Trelleborg's Odin jacket leg can system is designed to encompass the sealing needs during the installation of an oil and gas/HVDC jacket substructure.



## Applications:

- Offshore Jacket structure
- Skirt Sleeves
- Pile transportation

## Benefits:

- Provide buoyancy during installation of substructure
- Fabricated using high quality steel and reinforced rubber
- Stringently tested to meet performance specifications to 1.5 times of operating pressure
- Option to supply as Complete Leg Can System
- Precisely assembled in our state-of-the-art manufacturing facility
- Custom design to suit operating conditions
- Several variants to suit customer needs



## Contact Us

Trelleborg Applied Technologies division is an industry expert in delivering innovative and reliable solutions that maximize performance for our customers. Our vast range of specialized, customizable materials ensure peace of mind at every stage of your project. With reliable and efficient project management and manufacturing we endeavour to take performance to new levels by achieving your goals safely, on time and within scope.



Singapore: +65 6265 0955



Email: [appliedtechnologies@trelleborg.com](mailto:appliedtechnologies@trelleborg.com)



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