



WELL KILL CONNECTOR

Subsea Intervention Well Kill Connector

Flint Subsea are experienced in the design, supply and qualification of connection systems for use in subsea well intervention. Our Well Kill Connection system is supplied with full DNVGL product certificates and is fully designed and tested in accordance with API 6A.



OPERATION

The Flint Subsea Well Kill Connector is easily integrated into new or existing well intervention packages. It utilizes a female receptacle, with a small footprint, which is mounted onto the subsea equipment. The Male Well Kill Connector incorporates a valve, hose and a 10ksi Flint Subsea Mid-Line EQD. Normal connect and disconnect operations are performed via the hot-stab. A simple 90° turn locking mechanism locks the hot stab into the female receptacle. In the event of an emergency, the well kill connector is separated at the EQD. The disconnection can be initiated by overpull or utilising the on-board hydraulic disconnection cylinders, which can be integrated into the ESD system.

Testing/Documentation

- All products are supplied with EN 10204 3.1 certification as standard.
- Full pressure tests in accordance with API 6A 17D PSL 3 is supplied as standard. PSL3G can be supplied at additional cost.
- Full document packages are supplied with goods and include. Certificate of Conformity and test report.
- Single easy to use documentation package.
- Full 3rd party witness inspection can be offered at additional cost.

Materials

The materials of construction depend upon service. Our standard designs incorporate the following:

- Body/Flange : Super Duplex 32760
- Stab : Super Duplex 32760
- Trim : Stainless Steel 316
- Fasteners : A4 Class 70 Stainless Steel
- Seals : HNBR to Norsok M710
- Studs : Inconel 625
- Valve : Super Duplex
- Hose : Black Eagle/Super Duplex

| Nominal Bore Size (inches) | Pressure Rating (Bar) | Length (mm) | Total Weight (kg) | Male Weight (kg) | Receptacle Weight (kg) |
|----------------------------|-----------------------|-------------|-------------------|------------------|------------------------|
| 2 | 690 | 3025 | 546 | 366 | 180 |