## **Wellhead Connector Ring Gaskets**

The industry standard for offshore drilling and production since 1964

## **Product description**

HMH metal-to-metal gaskets are the gold standard for safe and efficient drilling and production operations. Our seals provide a primary, mission-critical seal between the wellhead and wellhead connector. When you need a seal you can trust, you trust the OEM to provide the most reliable and cost effective solution to keep your well programs in the green.

**Key features** 

- Legendary reliability and performance at high pressure and high temperature
- Industry leading safe, simple, cost effective, user-friendly design
- Hands-free replacement seal ring does not require personnel to be under the wellhead connector or BOP when used in an HMH H-4 connector
- Seal is ROV replaceable and retrievable
- Pressure-tight self-energizing seal positive compression loading of the seal ring into the corrosion and damage-resistant seal surface provides reliable sealing integrity

## **Benefits**

The stainless steel VX-2 gasket is the go-to gasket for drilling and production. It is rated for 15,000 psi internal pressure, 250°F, and is coated with Moly-based coating for increased sealing performance.

The carbon steel VX-2 gasket is a value performance version. It is rated 10,000 psi internal pressure, 250°F, and is treated with Moly-based coating.

The VGX-2 gasket is a high performance seal system. It is rated for up to 20,000 psi internal pressure, 400°F, and is manufactured from Alloy 718 with a Moly-based coating.

The higher yield strength material provides a larger range of elastic action, while the Moly-based coating provides excellent sealing performance.

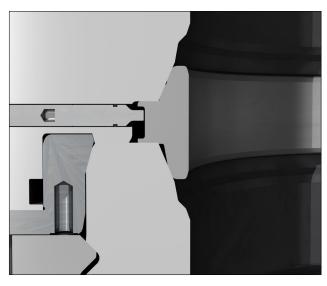
The VT-2 gasket seals on a secondary independent seal surface and is used when the primary VX sealing surface is damaged. It is available in two versions both rated for 15,000 psi internal pressure. The VX-2/VT-2 in 316 stainless steel is rated to 250°F. The VGX-2/VT-2 made with Alloy 718 material is rated to 400°F.

Other API sizes and optional configurations are available including nitrile inserts for emergency interim solutions.

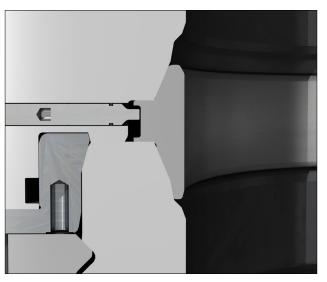


VX-2/VT-2 Wellhead connector ring gasket





VX-2 gasket assembly shown with the H-4 connector gasket retention system



VX-2/VT-2 gasket assembly shown with the H-4 connector gasket retention system

| Part Number       | 0.1   |   |  | Max Working   | External Differential   | Temperature  |  |
|-------------------|---|---|--|---|---|--|--|
|                   | Style   | Material  | Coating  | Pressure (psi)  | Pressure (psi)  | Rating (°F)  | Test Type  |
| Gaskets           |   |   |  |   |   |  |  |
| H157537-2         | VX  | 300 Series SS   | N/A  | 10,000/15,000   | _   | 250  | _  |
| H157537-3         | VX  | Carbon Steel  | Molykote 106   | 10,000/15,000   | _   | 250  | _  |
| 111233            | VX  | Carbon Steel  | Molykote 106   | 10,000  | _   | 250  | _  |
| 111233-1          | VX  | 300 Series SS   | N/A  | 10,000/15,000   | _   | 250  | _  |
| 111233-2          | VX  | 316 SS  | N/A  | 10,000/15,000   | _   | 250  | _  |
| H10931-3          | VT-1  | Carbon Steel  | Silver   | 10,000  | _   | 250  | _  |
| H10931-4          | VT-1  | 17-4PH SS<br>(Non-NACE)   | Silver   | 10,000  | 4,850   | 250  | _  |
| 111053V           | VX-2  | Carbon Steel  | Molykote 106   | 10,000  | 2,300   | 35–250*  | PSL 4  |
| 111053-1          | VX-2  | 300 Series SS   | Molykote 106   | 15,000  | 1,000   | 0–250  | PR2, PSL 4   |
| H10993-2          | VGX-2   | 17-4 PH SS<br>(Non-NACE)  | Molykote 106   | 15,000  | 3,500   | 0–350  | PR2, PSL 4   |
| H10931-2          | VX-2/VT-2   | 300 Series SS   | Molykote 106   | 15,000  | 1,000   | 0–250  | PR2, PSL 4   |
| osive Application | าร  |   |  |   |   |  |  |
| A100386-1         | VGX-2/VT-2  | Alloy 718   | Molykote 106   | 15,000  | 4,500   | 0–400  | PR2, PSL 4   |
| H10993-5          | VGX-2   | Alloy 718   | Molykote 106   | 15,000  | 4,750   | 0–400  | PR2, PSL 4   |
| H10993-5          | VGX-2   | Alloy 718   | Molykote 106   | 20,000  | 4,750   | 0-350/30-400   | PR2, PSL 4   |
| nt Gasket         |   |   |  |   |   |  |  |
| 111227-1          | VX  | 316 SS with<br>Molded Nitrile<br>Inserts  | N/A  | 10,000  | 2,500   | 35–180   | PR2, PSL 4   |
| :                 | H157537-3 111233 111233-1 111233-2 H10931-3 H10931-4 111053V 111053-1 H10993-2 H10931-2 Disive Application A100386-1 H10993-5 H10993-5 nt Gasket 111227-1 | H157537-3 VX  111233 VX  111233-1 VX  111233-2 VX  H10931-3 VT-1  H10931-4 VT-1  111053V VX-2  111053-1 VX-2  H10993-2 VGX-2  H10993-2 VGX-2  Desive Applications  A100386-1 VGX-2/VT-2  H10993-5 VGX-2  H10993-5 VGX-2 | H157537-3 VX Carbon Steel 111233 VX Carbon Steel 111233-1 VX 300 Series SS 111233-2 VX 316 SS H10931-3 VT-1 Carbon Steel H10931-4 VT-1 17-4PH SS (Non-NACE) 111053V VX-2 Carbon Steel 111053-1 VX-2 300 Series SS H10993-2 VGX-2 17-4 PH SS (Non-NACE) H10931-2 VX-2/VT-2 300 Series SS Desive Applications A100386-1 VGX-2/VT-2 Alloy 718 H10993-5 VGX-2 Alloy 718 | H157537-3 VX Carbon Steel Molykote 106 111233 VX Carbon Steel Molykote 106 111233-1 VX 300 Series SS N/A 111233-2 VX 316 SS N/A H10931-3 VT-1 Carbon Steel Silver H10931-4 VT-1 17-4PH SS (Non-NACE) 111053V VX-2 Carbon Steel Molykote 106 111053-1 VX-2 300 Series SS Molykote 106 1110931-2 VGX-2 17-4 PH SS (Non-NACE) H10993-2 VGX-2 17-4 PH SS (Non-NACE) H10931-2 VX-2/VT-2 300 Series SS Molykote 106 Desive Applications A100386-1 VGX-2/VT-2 Alloy 718 Molykote 106 H10993-5 VGX-2 Alloy 718 Molykote 106 | H157537-3 VX Carbon Steel Molykote 106 10,000/15,000  111233 VX Carbon Steel Molykote 106 10,000  111233-1 VX 300 Series SS N/A 10,000/15,000  111233-2 VX 316 SS N/A 10,000/15,000  H10931-3 VT-1 Carbon Steel Silver 10,000  H10931-4 VT-1 17-4PH SS (Non-NACE) 10,000  111053V VX-2 Carbon Steel Molykote 106 10,000  111053-1 VX-2 300 Series SS Molykote 106 15,000  H10993-2 VGX-2 17-4 PH SS (Non-NACE) Molykote 106 15,000  H10931-2 VX-2/VT-2 300 Series SS Molykote 106 15,000  Desive Applications  A100386-1 VGX-2/VT-2 Alloy 718 Molykote 106 15,000  H10993-5 VGX-2 Alloy 718 Molykote 106 15,000  H10993-5 VGX-2 Alloy 718 Molykote 106 15,000  H10993-5 VGX-2 Alloy 718 Molykote 106 20,000  H10993-5 VGX-2 Alloy 718 Molykote 106 20,000  H10993-5 VGX-2 Alloy 718 Molykote 106 20,000  H10993-5 VGX-2 Alloy 718 Molykote 106 15,000  H10993-5 VGX-2 Alloy 718 Molykote 106 10,000  H10993-5 VGX-2 Alloy 718 Molykote 106 10,000  H10993-5 VGX-2 Alloy 718 Molykote 106 10,000 | H157537-3 VX Carbon Steel Molykote 106 10,000/15,000 —  111233-1 VX 300 Series SS N/A 10,000/15,000 —  111233-2 VX 316 SS N/A 10,000/15,000 —  111233-2 VX 316 SS N/A 10,000/15,000 —  H10931-3 VT-1 Carbon Steel Silver 10,000 —  H10931-4 VT-1 17-4PH SS Silver 10,000 4,850 (Non-NACE)  111053V VX-2 Carbon Steel Molykote 106 10,000 2,300 111053-1 VX-2 300 Series SS Molykote 106 15,000 1,000 H10993-2 VGX-2 17-4 PH SS (Non-NACE)  H10931-2 VX-2/VT-2 300 Series SS Molykote 106 15,000 3,500 (Non-NACE)  H10931-2 VX-2/VT-2 300 Series SS Molykote 106 15,000 1,000 2sive Applications  A100386-1 VGX-2/VT-2 Alloy 718 Molykote 106 15,000 4,500 H10993-5 VGX-2 Alloy 718 Molykote 106 15,000 4,750 N10993-5 VGX-2 Alloy 718 Molykote 106 20,000 4,750 N11227-1 VX 316 SS with Molded Nitrile Inserts | H157537-3 VX Carbon Steel Molykote 106 10,000/15,000 — 250  111233 VX Carbon Steel Molykote 106 10,000 — 250  111233-1 VX 300 Series SS N/A 10,000/15,000 — 250  111233-2 VX 316 SS N/A 10,000/15,000 — 250  H10931-3 VT-1 Carbon Steel Silver 10,000 — 250  H10931-4 VT-1 17-4PH SS (Non-NACE) Silver 10,000 4,850 250  111053V VX-2 Carbon Steel Molykote 106 10,000 2,300 35-250*  111053-1 VX-2 300 Series SS Molykote 106 15,000 1,000 0-250  H10993-2 VGX-2 17-4 PH SS (Non-NACE) Molykote 106 15,000 3,500 0-350  H10931-2 VX-2/VT-2 300 Series SS Molykote 106 15,000 1,000 0-250  Desive Applications  A100386-1 VGX-2/VT-2 Alloy 718 Molykote 106 15,000 4,500 0-400  H10993-5 VGX-2 Alloy 718 Molykote 106 15,000 4,750 0-350/30-400  nt Gasket  111227-1 VX 316 SS with Molded Nitrile Inserts |

| Gasket Profiles          |                               |                                |                           |                        |  |  |  |  |  |
|--------------------------|-------------------------------|--------------------------------|---------------------------|------------------------|--|--|--|--|--|
| VX-2 gasket (gas/liquid) | VX-2/VT-2 gasket (gas/liquid) | VGX-2/VT-2 gasket (gas/liquid) | VGX-2 gasket (gas/liquid) | VX with Nitrile insert |  |  |  |  |  |
|                          | 1                             |                                | 1                         |                        |  |  |  |  |  |

