

Vector Techlok Clamp Connector : Seal Ring Material Selection

Sealring Material Type		Low Alloy	Stainless	6 Mo Stainless	High Strength Stainless	Duplex & Superduplex	Nickel Alloy
Grade marked on sealring rib		AISI 4130 AISI 4140	A182 F316	A182 F44	A564 630 (17/4 PH)	A182 F51 A182 F55	Alloy 718, 625 X 750
HUB MATERIAL	MARKING DATA (Material Grade)						
Carbon / Low alloy steel	A694 F52, F60, F65, A350 LF2	●	● (6)	● (6)	● (2)	● (6)	● (6)
Carbon / Low alloy + inlay	as above + 625	●	●	● (6)	●	● (6)	●
Stainless Steel	A182 F316, F304, F321	●	●	●	●	● (5)	●
	A182 F44 (6Mo)	●	● (1)	●	● (2,3,4)	● (5)	●
Duplex + S.Duplex	A182 F51, F53, F55, F61	●	● (1)	●	● (2,3)	●	●
Nickel Alloy	Alloy 625, 800, 825	●	●	● (6)	●	●	●

Notes:

1. Corrosion resistance lower than Hub
2. Not recommended for sour service
3. Not recommended for produced or injected seawater
4. Not recommended for cryogenic service below -100°C
5. Not recommended for service below -50°C
6. For H₂S service refer to NACE MR0175

- **STOP :** Avoid this material selection !
- **USE WITH CAUTION :** Check specification or seek metallurgical advice (see notes above)
- **GO :** Good material selection