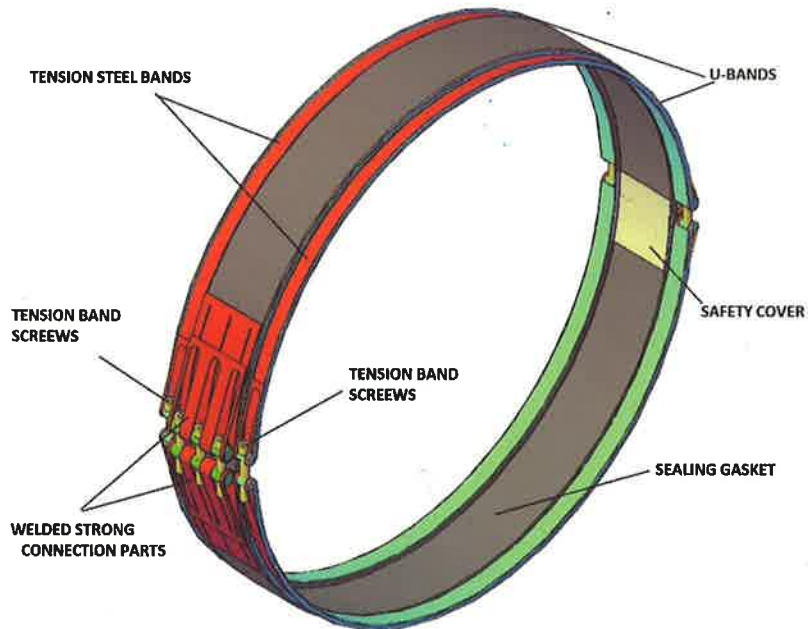


BORFLEX[®]

HIGH PRESSURE COUPLING



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HIGH PRESSURE COUPLING

- * IT IS USED FOR ALL OF PIPES
- * PRODUCTION UNTIL PN60 TEST PRESSURE.
- * PRODUCTION BETWEEN DN 63 mm - DN 2000 mm.
- * BODY: AISI 304 (OPTIONAL: AISI 316 or AISI 1024 GALVANIZED STEEL)
- * EPDM or OPTIONAL NBR RUBBER SEALING MATERIAL
- * VACUUM SUPPORT PART (OPSİYONAL)
- * IT AFFECTS FLEXIBLE CONNECTION ON PIPES

*TENSION STEEL BAND (ON THE LEFT AND RIGHT SIDE) ON PIPES TIGHTLY AS CIRCULARLY.

*THESE BANDS, EVEN UNDER FULL PRESSURE, ALSO ALLOW PIPES TO TURN AROUND 360 DEGREE

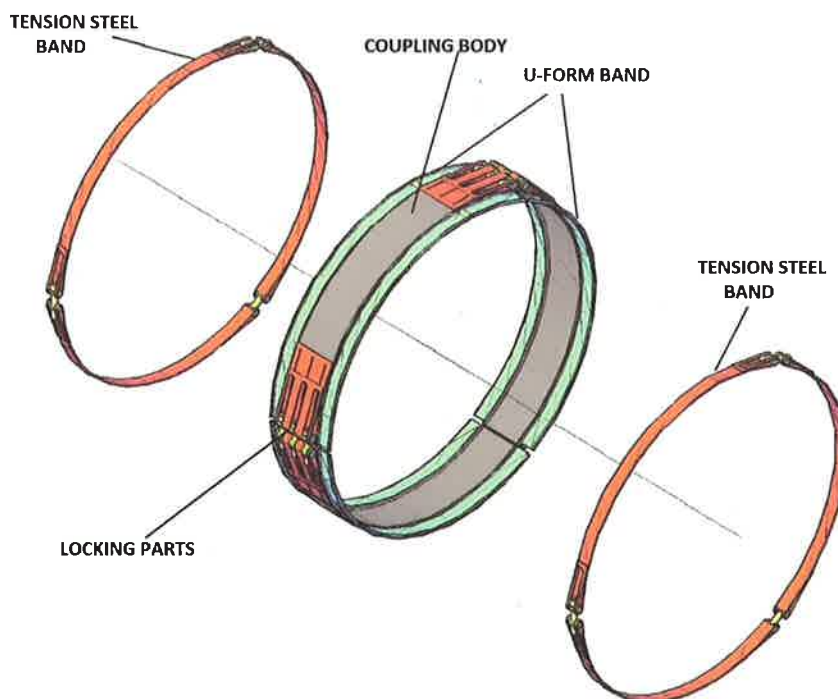
*TENSION STEEL BANDS CAN BE CHOSEN AS AISI 316 STAINLESS STEEL OR SAME BODY MATERIAL.

*TENSION BANDS ARE ON OPPOSITE ANGLES TO THE DIRECTION MOVEMENT OF THE PIPE AND IT HOLDS ON TO PIPE SURFACE WITH PIPE'S MOVEMENT.

*IN ADDITION TO THE TENSION BANDS OF THE BODY ARE FIXED TO RINGS BODY BY SPECIAL BOLTS.



HIGH PRESSURE COUPLING



Material Features	W2	W5
Body	AISI 304- 1040 STEEL (EPOXY PAINTED)	AISI 316
Body Connettion Parts	Steel Coated Dacromat 500	AISI 316
Bolts	Steel Coated Dacromat 500	AISI 316
Support Parts (Opsiyonal)	AISI 304	AISI 316
Sealing Gasket (EPDM)	Temperature: -20° C - +120° C	Temperature: -20° C - + 120° C
Fluid	Water, Waste water, air, solid and chemical products	Water, Waste water, air, solid and chemical products
Sealing Gasket (NBR)	Temperature: -20° C - + 100° C	Temperature: -30° C - + 100° C
Fluid	Water, gas, oil, petrol and other hydrocarbons	Water, gas, oil, petrol and other hydrocarbons
Tension Band and U-Band	AISI 304 – 1040 STEEL (EPOXY PAINTED)	AISI 316



HIGH PRESSURE COUPLING SIZE TABLE

PIPE DIA.	INCH	STEEL	GRP	DUCTILE FONT	NOMINAL PRESSURE (MAX.)	MEASUREMENTS			TENSION BAND WIDTH
						Body Width (mm)	Sealing Range		
DN	OD	OD	OD	PN (Bar)	210 (mm)		330 (mm)		
200	8"	219	220	222	60	210 - 330	107	200	60
225				248	60	210 - 330	107	200	60
250	10"	273	272	274	60	210 - 330	107	200	60
275				300	60	210 - 330	107	200	60
300	12"	324	324,3	326	60	210 - 330	107	200	60
325				352	60	210 - 330	107	200	60
350	14"	356	376,1	378	60	210 - 330	107	200	60
375				403	60	210 - 330	107	200	60
400	16"	405	427,1	429	50	210 - 330	107	200	60
450			473	480	50	210 - 330	107	200	60
500	20"	508	530,1	532	50	210 - 330	107	200	60
560					40	210 - 330	107	200	60
600	24"	610	617 - 633	635	40	210 - 330	107	200	60
700	28"	711	718,3	738	40	210 - 330	107	200	60
800	32"	813	819,9	842	40	210 - 330	107	200	60
900	36"	914	924,1	945	40	210 - 330	107	200	70
1000	40"	1016	1026,1	1048	35	210 - 330	107	200	70
1100				1152	35	210 - 330	107	200	70
1200	48"	1220	1228,8	1255	35	210 - 330	107	200	70
1400	56"	1420	1433,6	1462	30	210 - 330	107	200	70
1500	60"		1535,6	1565	30	210 - 330	107	200	70
1600	64"	1620	1637,6	1668	25	210 - 330	107	200	70
1800	72"	1820	1841,7		25	210 - 330	107	200	70
2000	80"	2020	2046		16	210 - 330	107	200	70
2200	88"	2220	2252		16	210 - 330	107	200	70
2400	96"	2420	2453		16	210 - 330	107	200	70

NOTE: PLEASE ASK OTHER DIAMETERS FOR ABOVE DN2400.

BORTEK BORU VE TESISAT TEKNOLOJILERI DIS TIC. LTD. STI.

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