

## PLIDCO® WELD+ENDS® COUPLING

**Joins piping without special preparation of pipe ends**

Standard PLIDCO® Weld+Ends® Couplings have a single row of clamping screws at each end. Where excessive end-pull loads are involved and welding is not feasible, additional rows of clamping screws can be provided or a PLIDCO® Clamp+Ring may be used. Special installation instructions are necessary for thin wall applications. Contact PLIDCO® for details.

Available in standard sizes 1-1/2" through 48".  
Special sizes, diameters, pressures and lengths available upon request.

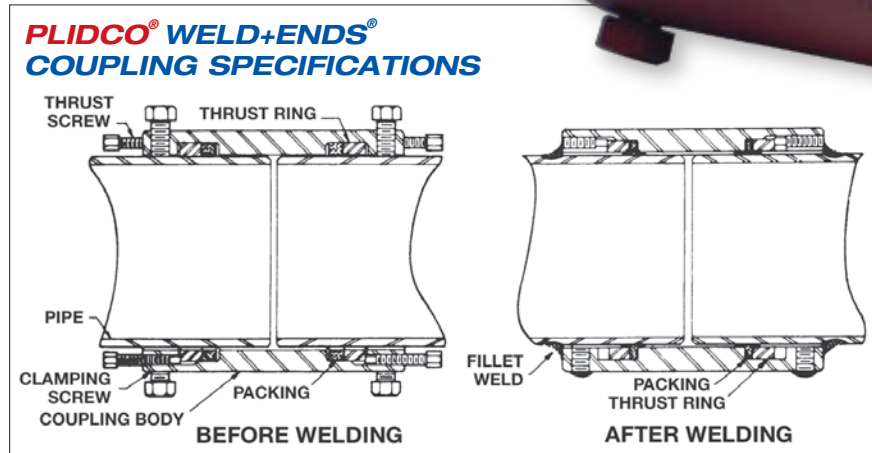
Buna-N packing is standard.  
Viton, Silicone and other packings available upon request.

### Standard body materials:

- ASTM A106 Gr. C
- ASTM A105/A350 Gr. LF2
- ASTM A516 Gr. 70

### Options:

- Marine epoxy paint for corrosion protection
- NACE MR0175/ISO 15156 compliant material



MAXIMUM WORKING PRESSURE PSI						
API Pipe Sizes	O.D.	Length Between Packing	Approx. Overall Length	Pipe Anchored or Welded	* Pipe Not Anchored	Approx. Wt. Lbs.
1-1/2	3-1/4	2	6-13/16	2000	2000	12
2	3-3/4	2	6-13/16	2000	2000	13
2-1/2	4-1/2	2	6-13/16	2000	1848	14
3	5	2	6-13/16	2000	1247	16
4	6	3-1/8	8-1/2	2000	1131	30
6	8-1/2	3-5/8	9	2000	696	60
8	11	3-3/4	10	2000	513	105
10	13	4-1/8	10-1/2	1500	396	120
12	14-7/8	4-1/8	10-1/2	1200	328	140
14	16-1/2	4-5/8	14	1200	311	225
16	18-1/2	4-5/8	14	1200	238	250
18	21	5-9/16	16	1200	251	395
20	23-1/2	5-9/16	16	1200	203	520
22	25	5-9/16	16	1200	252	475
24	27-1/8	5-9/16	16	1200	212	540
26	29	5-9/16	16	1000	180	555
28	31-1/8	5-9/16	16	1000	155	635
30	33-1/8	5-9/16	16	1000	135	665
32	35-1/4	5-9/16	16	1000	159	740
34	37-3/8	5-9/16	16	1000	140	815
36	39-1/2	5-9/16	16	1000	125	895
38	41-3/8	5-9/16	16	900	126	905
40	43-1/4	5-9/16	16	800	114	915
42	45-3/4	5-9/16	16	960	103	1115
46	49-1/8	5-9/16	16	650	101	1000
48	51-1/8	5-9/16	16	600	92	1045

**Pipe not anchored:** A joint in which the pipe ends could move when subjected to internal or external forces, such as internal pressure, temperature expansion and contraction, underwater currents, ground movement or any combination thereof. The assigned Plidco® Weld+Ends® **Pipe Not Anchored** rating (as listed in chart) considers only static force created by the internal pressure. It does not consider any additional external forces such as temperature expansion and contraction, underwater currents, ground movement or any combination thereof. These additional external forces must be determined by the customer. If any of these forces cannot be restrained by customer proven techniques, a Plidco® Clamp+Ring must be used.

**Anchored pipe:** A joint in which the pipe ends would not move when subjected to the types of forces listed under **Pipe Not Anchored**. The Plidco® Weld+Ends® **Anchored Pipe** rating is the maximum pressure at which the pipeline can be operated. It assumes that the pipeline is suitably anchored by welding, by the use of an appropriately rated Plidco® Clamp+Ring or by other customer proven techniques.



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"Working together to make hazardous piping safer"