



TEEKAY AXIFLEX

HINGED COUPLINGS

- Fully opening permanent pipe coupling
- Installation in areas of limited access
- Suitable for most pipe materials
- No loose parts
- No special pipe preparation
- Installed in minutes
- New installations or retro fit
- Design Patent



- Sizes 80mm – 1200mm NB
- Can be made to suit any pipe OD
- Up to PN16 pressure rating
- EPDM or NBR gaskets
- Casings stainless or coated steel
- Alloy or stainless screws
- ISO 9001

Another innovative technical solution from TEEKAY Couplings.
Use materials of the highest quality – save time and money on installation.

Our service and delivery are legendary.

AXIFLEX HC “MORE VALUE – LESS COST!”

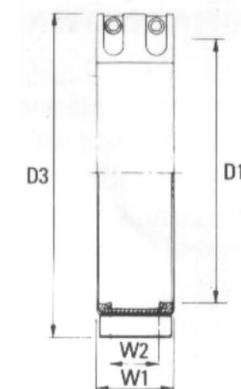
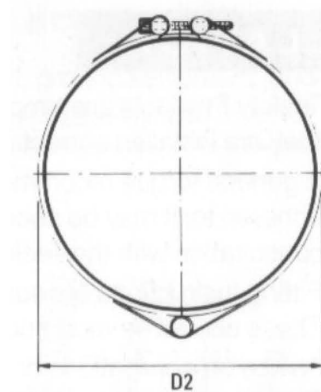


AXIFLEX HINGED COUPLINGS

DIMENSIONAL DETAILS

D1 PIPE OUTSIDE DIAMETER	PIPE NOMINAL BORE	W1 COUPLING WIDTH				W2 GAP BETWEEN SEALING LIPS	D2 COUPLING O.D. = (D1 + D2)	D3 OVERALL COUPLING O.D. = (D1 + D3)	NO. OF SCREWS	APPROX WEIGHT KGS	TOLERANCE ON PIPE O.D. + / -
		110mm	140mm	210mm	310mm						
TEEKAY REPAIR COUPLINGS CAN BE MANUFACTURED TO SUIT ANY PIPE OUTSIDE DIAMETER WITHIN THIS RANGE	75	✓				67	22	66	2/4	3	2
	100	✓				67	22	66	2/4	3	2
	150	✓	✓			67/80	22/28	66/88	2/4	4/5	2.5/2.5
	200	✓	✓	✓		67/80/120	22/28/42	66/88/102	2/2/2	4/6/10	3/3/3
	250	✓	✓	✓		67/80/120	22/28/42	66/88/102	2/2/2	5/6/10	3/3/3
	300	✓	✓	✓	✓	67/80/120/220	22/28/42/42	66/88/102/102	2/2/2/4	5/7/11/21	3/4/4/4
	350		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	8/13/22	4/4/4
	400		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	9/15/24	4/4/4
	450		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	11/16/26	4/4/4
	500		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	11/18/31	4/4/4
	600		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	13/20/35	4/5/5
	700		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	14/25/39	4/5/5
	800		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	16/27/43	4/5/5
	900		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	18/30/46	4/5/5
	1000		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	19/33/50	4/5/5
	1100		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	20/41/54	4/5/5
	1200		✓	✓	✓	80/120/220	28/42/42	88/102/102	2/3/4	22/44/58	4/5/5

LARGER DIAMETERS ARE AVAILABLE ON REQUEST





This large diameter water main was repaired in minutes without shutting down the line.

The coupling is delivered ready to install and with no loose parts.



Teekay Axiflex HC is designed to be a **permanent** pipeline solution



Axiflex HC Couplings were retro-fitted to these new GRP pipes to allow thermal and axial movement.



126 couplings were installed in two nine hour nightshifts without disruption or shutdown to the lines.



AXIFLEX HC MATERIAL SELECTION GUIDE

Type	I	II	IV	V	VI
Casing	AISI 304 DIN 1.4301	AISI 304 DIN 1.4301	AISI 316L DIN 1.4404	*Coated High Strength Steel	*Coated High Strength Steel
Fasteners	Alloy Steel Zinc + PTFE Coated	AISI 316L DIN 1.4404	AISI 316L DIN 1.4404	Alloy Steel Zinc Coated	AISI 316L DIN 1.4404
Gasket	EPDM/NBR/ Viton	EPDM/NBR/ Viton	EPDM/NBR/ Viton	EPDM/NBR/ Viton	EPDM/NBR/ Viton

*** Galvanized, Rilsan, PVC or Epoxy (Scotchkote)**

Ordering Information:

	Quantity	Model	Type	Gasket	Pipe OD
Example:	12	Axiflex HC	V Rilsan	EPDM	323.9mm