

Falk™ WrapFlex™ Elastomeric Couplings



Falk Wrapflex elastomeric couplings keep production lines running more profitably. Downtime is reduced with quick and easy installations. Unique replace-in-place elastomeric elements eliminate the need for time-consuming realignments, and reduce inventory carrying costs relative to other jaw or spider couplings. With a tough polyurethane element that offers excellent wear and chemical resistance, and 9 sizes ranging in torque capacity from 550 – 133,000 lb-in, Wrapflex couplings provide non-lubricated solutions for many challenging applications.

REPLACE-IN-PLACE DESIGN

- Quick and easy element replacement for reduced downtime
- Blind assembly
- No need to move hubs or connected equipment
- No realignment of motors or drives

FLEXIBLE POLYURETHANE ELEMENT

- No lubrication reduces maintenance costs
- Excellent wear and chemical resistance improve longevity

COMPOUND ROOT RADIUS IN ELEMENT

- Extended element life
- Improved flexibility for easier installation

WEATHER-RESISTANT COVER

- Positive element retention for safety
- Internal key alignment for easy/blind installation

UNIQUE ELEMENT AND HUB DESIGN

- Provides increased flexibility and reduced axial loading on connected equipment
- Protects connected equipment
- Improved element contact increases element life

FEWER SIZES COVERING LARGE TORQUE RANGE

- Fewer SKUs to manage
- Reduces inventory carrying costs

KEY APPLICATIONS:

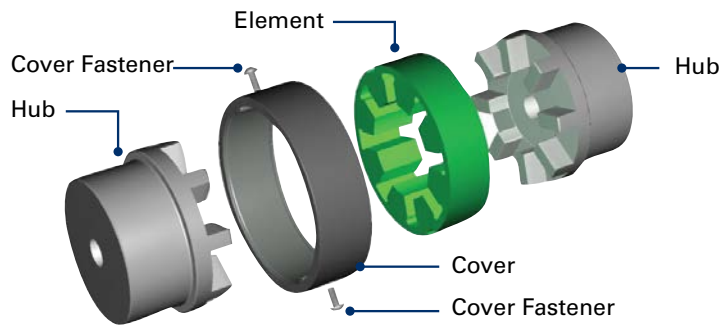
- Lube Oil Pumps
- Centrifugal Pumps
- Vertical Pumps
- Compressors
- Blowers
- Mixers
- Gear Boxes
- Conveyors
- Runout tables

PRODUCT OVERVIEW

Size	Torque Rating lb-in	Max RPM	Max Bore in
5R	550	4500	1.625
10R	1,150	4500	1.875
20R	2,800	4500	2.375
30R	4,600	4500	2.875
40R	9,100	3600	3.375
50R	22,200	3000	4.125
60R	35,500	2500	5.250
70R	70,900	2100	6.125
80R	133,000	1800	7.250



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LOVEJOY™* TO WRAPFLEX INTERCHANGE

Direct Interchange						To drop down 1 coupling size, check:		
Lovejoy ⁿ	Torque Rating (in-lb)	Max Bore (in)	Wrapflex	Torque Rating (in-lb)	Max Bore (in)	Smaller Wrapflex Size	Bore Requirement	Torque Requirement
L/AL110	792.0	1.625	10R10	1,150	1.875	5R10**		√
L/LC150	1,240.0	1.875	20R10	2,800	2.375	10R10		√
AL150	1,450.0	1.875		2,800	2.375			√
L/LC190	1,728.0	2.125	30R10	2,800	2.375	20R10	√	√
L/LC225	2,340.0	2.625		4,600	2.875			√
C226	2,988.0	2.500	40R10	4,600	2.875	30R10	√	√
L276/C276	4,716.0	2.875		9,100	3.375			√
C280	7,560.0	3.000	50R10	9,100	3.375	40R10	√	√
C285	9,182.0	4.000		22,200	4.125			√
C295	11,340.0	3.500	60R10	22,200	4.125	50R10	√	√
C2955	18,900.0	4.000		22,200	4.125			√
H3067	33,395.0	4.500	70R10	35,500	5.250	60R10	√	√
H3567	46,632.0	5.000		70,900	6.125			√
H3667	64,812.0	5.629	80R10	70,900	6.125	70R10	√	√
H4067	88,224.0	6.250		133,000	7.250			√
H4567	119,700.0	7.000		133,000	7.250		√	

ⁿ With Buna N insert

** 5R10 Torque rating is 550 in-lbs, bore capacity 1.625"

*Lovejoy is believed to be the trademark and/or trade name of Lovejoy Inc. and is not owned or controlled by Regal Rexnord Corporation or its affiliates.



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