

# Falk Wrapflex Elastomer Couplings

Falk® Wrapflex® Elastomer Couplings keeping 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.

## Key Applications:

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



## FEATURES & BENEFITS

### Replace in place design

- Quick & 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 for reduction in maintenance costs
- Excellent wear and chemical resistance for longevity

### Patented 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

### Patented hub design

- Protects connected equipment
- Improved element contact for increased element life

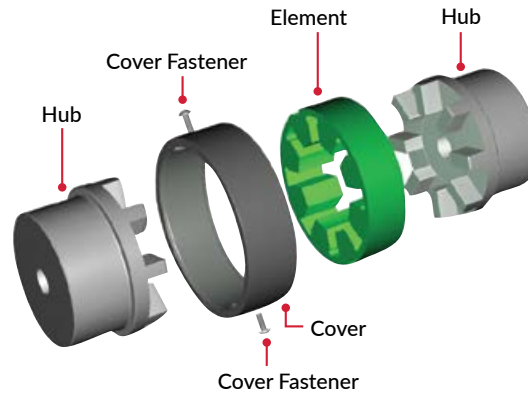
### Fewer sizes covering large torque range

- Fewer SKU's to manage
- Reduction in inventory carrying costs

## 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





### Lovejoy® to Wrapflex Interchange

Direct Interchange						To drop down 1 coupling size, check:		
Lovejoy*	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		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		✓	✓
L/LC225	2,340.0	2.625		4,600	2.875	20R10	✓	
C226	2,988.0	2.500	4,600	2.875		✓	✓	
L276/C276	4,716.0	2.875	40R10	9,100	3.375	30R10		✓
C280	7,560.0	3.000		9,100	3.375		✓	✓
C285	9,182.0	4.000	50R10	22,200	4.125		✓	✓
C295	11,340.0	3.500		22,200	4.125	40R10	✓	✓
C2955	18,900.0	4.000		22,200	4.125		✓	✓
H3067	33,395.0	4.500		60R10	5.250	50R10	✓	✓
H3567	46,632.0	5.000	70R10	70,900	6.125	60R10		✓
H3667	64,812.0	5.629		70,900	6.125		✓	✓
H4067	88,224.0	6.250	80R10	133,000	7.250	70R10	✓	✓
H4567	119,700.0	7.000		133,000	7.250		✓	✓

\* With Buna N insert

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

### Sure-Flex® to Wrapflex Interchange

Direct Interchange						To drop down 1 coupling size, check:		
Sure-flex*	Torque Rating (in-lb)	Max Bore (in)	Wrapflex	Torque Rating (in-lb)	Max Bore (in)	Smaller Wrapflex Size	Bore Requirement	Torque Requirement
6S	450	1.438	5R10	550	1.625	5R10		✓
7S	725	1.625	10R10	1,150	1.875	5R10		✓
8S	1,135	1.938	20R10	2,800	2.375	10R10	✓	
9S	1,800	2.500	30R10	4,600	2.875	20R10	✓	✓
10S	2,875	2.750		4,600	2.875		✓	✓
11S	4,530	3.375	40R10	9,100	3.375	30R10	✓	
12S	7,200	3.875	50R10	22,200	4.125	40R10	✓	
13S	11,350	4.500	60R10	35,500	5.250	50R10	✓	
14S	18,000	5.000		35,500	5.250		✓	
16S	47,250	5.500	70R10	70,900	6.125	60R10	✓	✓

\* With EPDM or Neoprene Sleeves

Lovejoy is a registered trademark of Lovejoy Inc. Sure-Flex is a registered trademark of TB Woods.