

3-Piece Flexible Couplings



Use "Hytrel" Spiders for Hi-Torque Applications with impulse or pulsating loads. Will transmit 3-Times more Torque than Rubber Spiders.

For a complete coupling order 2-Bodies with desired bore of same rated H.P. and one Spider from the same grouping.

BODIES			SPIDERS		
Part No.	BORE	Body Diameter	Part No.	*RATED H P Per 100 RPM	
LJ L070-1/2	1/2"	1-3/8"	LJ L070-R	Buna-N	.07
LJ L070-5/8	5/8"		LJ L070-H	Hytrel	.18
LJ L075-7/16	7/16"		LJ L075-R	Buna-N	.14
LJ L075-1/2	1/2"	1-3/4"	LJ L075-H	Hytrel	.36
LJ L075-5/8	5/8"				
LJ L075-3/4	3/4"				
LJ L075-7/8	7/8"				
LJ L095-5/8	5/8"		LJ L095-R	Buna-N	.30
LJ L095-3/4	3/4"		LJ L095-H	Hytrel	.90
LJ L095-7/8	7/8"				
LJ L095-1	1"	2-7/64"			
LJ L095-1-1/8	1-1/8"				
LJ L095-16mm	16mm				
LJ L095-20mm	20mm				
LJ L095-24mm	24mm				
LJ L099-3/4	3/4"		<i>Note: Use L100 Spiders with L099</i>		
LJ L099-1-1/8	1-1/8"	2-7/64"	LJ L100-R	Buna-N	.50
LJ L099-20mm	20mm		LJ L100-H	Hytrel	1.30
LJ L099-24mm	24mm				
LJ L100-3/4	3/4"				
LJ L100-7/8	7/8"		LJ L100-R	Buna-N	.66
LJ L100-15/16	15/16"		LJ L100-H	Hytrel	1.80
LJ L100-1	1"	2-17/32"			
LJ L100-1-1/8	1-1/8"				
LJ L100-1-1/4	1-1/4"				
LJ L100-1-3/8	1-3/8"				
LJ L100-20mm	20mm				
LJ L100-24mm	24mm				
LJ L110-7/8	7/8"		LJ L110-R	Buna-N	1.25
LJ L110-1	1"	3-5/16"	LJ L110-H	Hytrel	3.60
LJ L110-1-1/8	1-1/8"				
LJ L110-1-1/4	1-1/4"				
LJ L110-1-3/8	1-3/8"				
LJ L110-1-1/2	1-1/2"				
LJ L110-1-5/8	1-5/8"				
LJ L110-24mm	24mm				
LJ L150-7/8	7/8"		LJ L150-R	Buna-N	2.00
LJ L150-1	1"	3-3/4"	LJ L150-H	Hytrel	5.88\$
LJ L150-1-1/8	1-1/8"				
LJ L150-1-1/4	1-1/4"				
LJ L150-1-3/8	1-3/8"				
LJ L150-1-1/2	1-1/2"				
LJ L150-1-5/8	1-5/8"				

*NOTE: For piston or plunger pumps reduce the rated horsepower by 1/3.



S-Flex Couplings



Specify Bore Size

LoveJoy S-Flex Couplings are designed to provide equipment protection against misalignment, vibration and shock loads. The S-Flex coupling will provide for an alignment error of 1 degree angular and 32/1000 parallel. The B Flanges are cast iron. The Type E EPDM Sleeve is a two piece style with retaining ring. S-Flex Couplings would generally be used in larger horsepower applications where the "L" Style Coupling does not provide the necessary protection or alignment flexibility. **Fixed bore sizes.**

#8 LoveJoy S-Flex for loads to 30 HP @ 1750 RPM or 60 HP @ 3500 RPM. Bore sizes 3/4" to 1-5/8". A complete assembly requires two flanges and one sleeve. **Specify bore size.**

#8 LOVEJOY S-FLEX

Part No.	
LJ 8S	Flange, 2 - Required
LJ 8E	Sleeve, 1-Required.....

TYPE E SLEEVE

#9 LoveJoy S-Flex for loads to 50 HP @ 1750 RPM or 100 HP @ 3500 RPM. Bore sizes 3/4" to 1-7/8". A complete assembly requires two flanges and one sleeve. **Specify bore size.**

#9 LOVEJOY S-FLEX

Part No.	
LJ 9S	Flange (2 - Required).....
LJ 9E	Sleeve (1-Required).....

Use 10B/10E & S-K Bushings for larger shaft sizes.



Falk™ Wrapflex® Couplings

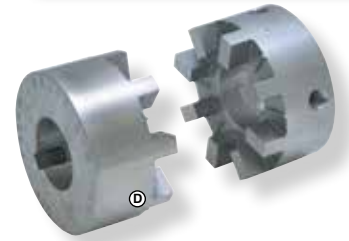
- "Replace in Place"
- Non-Lubricated / Low Maintenance
- Low Initial Cost
- Easy-To-Install
- 3-Year Heavy-Duty Warranty



Quick, easy installation and replacement for motors/engines that set new standards for reduced downtime. Because drives don't need to be moved, these "replace in place" "Wrapflex®" elements even eliminate the need for time consuming realignment, further reducing downtime.



5R-E Wrapflex® Element



Wrapflex® Coupling Hub

Wrapflex® Couplings accommodate up to 7-1/4" (186mm) shafts and torque loads up to 133,000 lb.in. For simplicity and cost-effectiveness over the life of your coupling, it just doesn't get any easier than this - Wrapflex® couplings from Rexnord. Wrapflex® couplings allow for 1° angular error and 40/1000's parallel alignment error.

Easy-to-Install. The compound root radius in the element teeth increases flexibility for easier and quicker assembly. Can be blind assembled from either direction.

Tough, Long-Lasting polyurethane "Wrapflex®" element has excellent wear and chemical resistance, and an operating temperature of -40° F. to 200° F. Weather-resistant, high-grade nylon cover is standard. Complete assembly requires (2) hubs and (1) Wrapflex® element. Maximum of 4500 RPM.

Part No.	Description	† Max. HP @ 1000 RPM	*Max. HP @1750 RPM	*Max. HP @3500 RPM
RN 5R-1-1/8	5R Single Hub, 1-1/8" Bore	8.75	12.5	25
RN 5R-1-3/8	5R Single Hub, 1-3/8" Bore	8.75	12.5	25
RN 5R-1-5/8	5R Single Hub, 1-5/8" Bore	8.75	12.5	25
RN 5R-E	Wrapflex® Element for 5R			

Part No.	Description	† Max. HP @ 1000 RPM	*Max. HP @1750 RPM	*Max. HP @3500 RPM
RN 10R-1-3/8	10R Single Hub, 1-3/8" Bore	18	25	50
RN 10R-1-5/8	10R Single Hub, 1-5/8" Bore	18	25	50
RN 10R-1-7/8	10R Single Hub, 1-7/8" Bore	18	25	50
RN 10R-E	Wrapflex® Element for 10R			

Part No.	Description	† Max. HP @ 1000 RPM	*Max. HP @1750 RPM	*Max. HP @3500 RPM
RN 20R-1-1/4	20R Single Hub, 1-1/4" Bore	44	62	125
RN 20R-1-3/8	20R Single Hub, 1-3/8" Bore	44	62	125
RN 20R-1-5/8	20R Single Hub, 1-5/8" Bore	44	62	125
RN 20R-1-7/8	20R Single Hub, 1-7/8" Bore	44	62	125
RN 20R-2-1/8	20R Single Hub, 2-1/8" Bore	44	62	125
RN 20R-2-3/8	20R Single Hub, 2-3/8" Bore	44	62	125
RN 20R-E	Wrapflex® Element for 20R			

* Maximum HP based on 1.25 factor of safety (1.22 on 5R sizes); normally used for motor-driven centrifugal pumps, gear pumps and rotary vane pumps. Cal for safe maximum HP for other applications. † For Piston/Plumber Pumps, Downgrade HP Ratings above by 20%.