



## Sure-Flex Plus Sleeve Couplings

- Max. angular misalignment: 1° with EPDM, Neoprene sleeves; ¼° with Hytrel sleeves
- EPDM temp. range: -30° to 275°F (-34° to 135°C)
- Hytrel temp. range: -65° to 250°F (-54° to 121°C)
- Neoprene temp. range: 0° to 200°F (-18° to 93°C)

Elastomer-in-shear design offers exceptional torsional flexibility to help protect equipment from misalignment, vibration, and shock loads. No lubrication required.

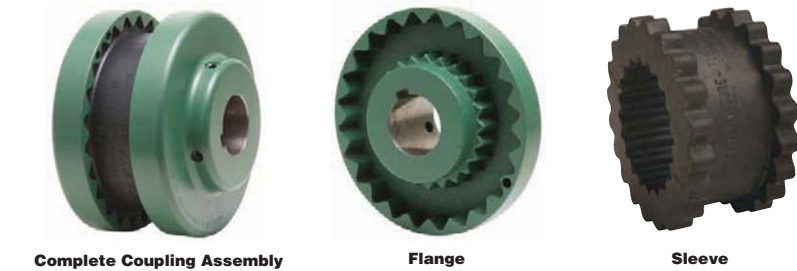
Note: A complete coupling consists of 2 flanges and 1 sleeve, sold separately.

### Coupling Flanges

- Type 3J, 4J, and 5J: sintered carbon steel
- Type 6J and all S: cast iron
- Each has a keyway and 2 set screws

### Coupling Sleeves

- JE: 1-pc. solid EPDM rubber
- JES: split 1-pc. EPDM
- E: 2-pc. EPDM rubber with retaining ring
- H: 1-pc. molded Hytrel
- HS: 2-pc. molded Hytrel
- N: 2-pc. Neoprene with retaining ring



Coupling Size	Rated Torque	Max. RPM	Coupling Ratings				Assembled Coupling Dim.	
			100	HP Rating @ 1200	Listed RPM 1800	3600	O.D.	Length
Couplings Assembled with Sleeve Type JE, JES, N								
3	78 in-lb	9,200 RPM	0.12 hp	1.49 hp	2.23 hp	4.46 hp	2.062 in	1.97"
4	156 in-lb	7,600 RPM	0.25 hp	2.97 hp	4.46 hp	8.91 hp	2.5 in	2.39"
Couplings Assembled with Sleeve Type E, JE, JES, N								
5	312 in-lb	7,600 RPM	0.5 hp	5.94 hp	8.91 hp	17.82 hp	3.25 in	2.84"
6	585 in-lb	6,000 RPM	0.93 hp	11.14 hp	16.71 hp	33.42 hp	4 in	3.50"
7	940 in-lb	5,250 RPM	1.49 hp	17.9 hp	26.85 hp	53.69 hp	4.625 in	3.94"
8	1,475 in-lb	4,500 RPM	2.34 hp	28.08 hp	42.13 hp	84.25 hp	5.45 in	4.44"
9	2,340 in-lb	3,750 RPM	3.71 hp	44.55 hp	66.83 hp	133.66 hp	6.35 in	5.06"
10	3,735 in-lb	3,600 RPM	5.93 hp	71.11 hp	106.67 hp	213.34 hp	7.5 in	5.69"
11	5,890 in-lb	3,600 RPM	9.35 hp	112.15 hp	168.22 hp	336.44 hp	7.5 in	5.69"
Couplings Assembled with Sleeve Type H, HS, N								
6	1,800 in-lb	6,000 RPM	2.9 hp	34.27 hp	51.41 hp	98.53 hp	4 in	3.50"
7	2,875 in-lb	5,250 RPM	4.6 hp	54.74 hp	82.11 hp	157.38 hp	4.625 in	3.94"
8	4,530 in-lb	4,500 RPM	7.2 hp	86.25 hp	129.38 hp	247.97 hp	5.45 in	4.44"
9	7,200 in-lb	3,750 RPM	11.4 hp	137.09 hp	205.63 hp	394.13 hp	6.35 in	5.06"
10	11,350 in-lb	3,600 RPM	18 hp	216.1 hp	324.16 hp	621.3 hp	7.5 in	5.69"
11	18,000 in-lb	3,600 RPM	28.6 hp	342.72 hp	514.08 hp	985.32 hp	7.5 in	5.69"

11	18,000 in-lb		3,600 RPM		28.6 hp		342.72 hp		514.08 hp		985.32 hp		7.5 in		5.69"		JE Sleeves Item No.	JES Sleeves Item No.	E Sleeves Item No.	H Sleeves Item No.	HS Sleeves Item No.	N Sleeves Item No.		
Coupling Size	½ in	¾ in	1 in	1 ¼ in	1 ½ in	1 ¾ in	2 in	2 ¼ in	2 ½ in	2 ¾ in	3 in	3 ¼ in	3 ½ in	3 ¾ in	4 in									
Coupling Flange (Complete Assembly Requires 2 Coupling Flanges and 1 Sleeve, Sold Separately)																								
Type J Flanges																								
3	32ZR12	32ZR13	32ZR14	32ZR15	—	—	—	—	—	—	—	—	—	—	—	—	32ZP54	32ZP62	—	—	—	—		
4	32ZR16	32ZR17	32ZR18	32ZR19	32ZR20	—	—	—	—	—	—	—	—	—	—	—	32ZP55	32ZP63	32ZP70	—	—	32ZP90		
5	32ZR21	32ZR22	32ZR23	32ZR24	32ZR25	32ZR26	—	—	—	—	—	—	—	—	—	—	32ZP56	32ZP64	32ZP71	—	—	32ZP91		
6	—	32ZR27	32ZR28	32ZR29	32ZR30	32ZR31	32ZR32	32ZR33	—	—	—	—	—	—	—	—	32ZP57	32ZP65	32ZP72	32ZP98	32ZR05	32ZP92		
Type S Flanges																								
6	—	—	—	—	49EP53	49EP54	49EP55	49EP56	49EP57	49EP58	—	—	—	—	—	—	32ZP57	32ZP65	32ZP72	32ZP98	32ZR05	32ZP92		
7	—	—	—	—	32ZR35	32ZR36	32ZR37	32ZR38	32ZR39	32ZR40	32ZR41	—	—	—	—	—	32ZP58	32ZP66	32ZP73	32ZP99	32ZR06	32ZP93		
8	—	—	—	—	32ZR44	32ZR45	32ZR46	32ZR47	32ZR48	32ZR49	32ZR50	32ZR52	32ZR53	—	—	—	32ZP59	32ZP67	32ZP74	32ZR01	32ZR07	32ZP94		
9	—	—	—	—	—	32ZR55	32ZR56	32ZR57	32ZR58	32ZR59	32ZR61	32ZR63	—	—	—	—	32ZP60	32ZP68	32ZP75	32ZR02	32ZR08	32ZP95		
10	—	—	—	—	—	—	—	32ZR67	32ZR68	48VF31	32ZR69	32ZR71	—	—	—	—	32ZP61	32ZP69	32ZP76	32ZR03	32ZR09	32ZP96		
11	—	—	—	—	—	—	32ZR74	—	—	32ZR75	32ZR77	32ZR79	—	—	—	—	—	—	32ZP77	32ZR04	32ZR10	32ZP97		



## Tire Couplings

- Temp. range: -40° to 200°F

Dura-Flex tire shaft couplings have a split-in-half design which allows easy element installation without disturbing shaft connection; no need to move connected equipment. 100% part-for-part interchangeable with popular bonded tire couplings, with design, materials, and construction that are superior to common orange polyurethane coupling elements. The couplings accommodate shaft misalignment and minimize vibration to help prevent damage to connected equipment, and offer a large range of spacing with few parts.

Note: A complete coupling assembly consists of 2 hubs and 1 element, sold separately. Taper-Lock coupling hubs require Taper-Lock bushings, see page 112.

Coupling Size	Taper-Lock® Coupling Hub	Taper-Lock® Required Bushing	FIXED BORE HUB Bore Dia.											
			% in	¾ in	1 ½ in	1 in	1 ¾ in	1 ¾ in	1 ¾ in	2 ½ in	2 ¾ in	2 ¾ in	3 ¾ in	
Coupling Hubs (Complete Assembly Requires 2 Coupling Hubs and 1 Element)														
WE2	—	—	15E635	15E637	15E636	15E638	—	—	—	—	—	—	—	—
WE3	15E696	1008	15E639	15E640	15E642	15E641	15E644	—	—	—	—	—	—	—
WE4	15E697	1008	—	15E645	15E646	—	15E648	15E649	—	—	—	—	—	—
WE5	15E698	1108	—	15E650	15E652	15E651	15E653	15E654	15E655	—	—	—	—	—
WE10	15E699	1310	—	—	15E657	15E656	15E658	15E659	15E660	—	—	—	—	—
WE20	15E701	1610	—	—	15E662	—	15E663	15E664	—	15E666	15E667	—	—	—
WE30	15E702	2012	—	—	—	—	15E668	15E669	—	15E671	15E672	15E673	—	—
WE40	15E703	2517	—	—	—	—	—	15E674	—	15E675	15E676	15E677	15E678	—
WE50	15E704	2517	—	—	—	—	—	—	—	15E680	15E681	—	15E682	—
WE60	15E705	3020	—	—	—	—	—	—	—	15E683	15E684	—	15E685	—

Coupling Size	Rated Torque	Max. RPM	Coupling Ratings HP Rating @ Listed RPM				Assembled O.D.	Standard Element Item No.	Spacer Element Item No.
			100	1200	1800	3600			
Coupling Elements									
WE2	190 in.-lb.	7500	.30	3.5	5.3	11	3.7"	15E615	15E625
WE3	365 in.-lb.	7500	.58	6.7	10	20	4.2"	15E616	15E626
WE4	550 in.-lb.	7500	.88	10	15	31	4.5"	15E617	15E627
WE5	925 in.-lb.	7500	1.5	17	26	51	5.4"	15E618	15E628
WE10	1450 in.-lb.	7500	2.3	27	40	81	6.5"	15E619	15E629
WE20	2300 in.-lb.	6600/4800*	3.6	42	64	128	7.4"	15E620	15E630
WE30	3650 in.-lb.	5800/4200*	5.8	67	101	203	8.4"	15E621	15E631
WE40	5500 in.-lb.	5000/3600*	8.8	101	153	305	9.7"	15E622	15E632
WE50	7650 in.-lb.	4200/3100*	12	141	212	425	11.3"	15E623	15E633
WE60	12500 in.-lb.	3800/2800*	19	230	347	694	12.5"	15E624	15E634

\* Max. rpm for spacer elements. The higher max. rpm is applicable for spacer elements when using high-speed rings.