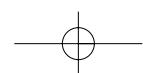


SURE - FLEX COUPLING



SURE-FLEX COUPLINGS



특징

신속한 장착

Sure-Flex는 볼트, 가스켓, 커버 또는 Seals가 없으므로 신속하고 쉽게 장착할수 있다. Alignment는 정밀기계로 만든 Flange의 외측에 직선자로 확인할수 있다. 조립시 Alignment를 맞추거나 분해시 특별한 공구는 필요 없다.

무급유, 무고장 작동

Sleeve의 이빨은 부드러운 동력전달을 위해 Torque가 발생시 Flange에 죄여주는 클램프 또는 screw없이도 Flange의 이빨이 맞물려 움직이지 않는다. 마모를 일으키는 고무에 대한 금속의 마찰 작용은 없으며 Coupling은 연마제, 먼지 또는 수분 등에 영향을 받지 않는다. 따라서 윤활 또는 보수가 필요없고 깨끗하고 믿을 수 있으며 조용한 성능을 발휘한다.

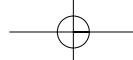
Characteristic

EASY, QUICK INSTALLATION

Sure-Flex can be installed quickly and easily, because there are no bolts, gaskets, covers or seals. Alignment can be checked with a straightedge placed across the outside of the precision-machined flange. No special tools are needed for installation, alignment or removal.

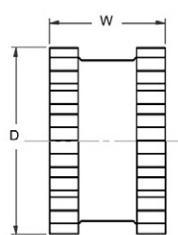
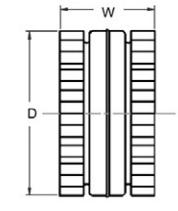
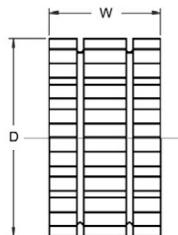
NO LUBRICATION, TROUBLE-FREE OPERATION

The teeth of the sleeve lock into the teeth of the flanges without clamps or screws, tightening under torque to provide smooth transmission of power. There is no rubbing action of metal against rubber to cause wear. Couplings are not affected by abrasives, dirt, or moisture. This eliminates the need for lubrication or maintenance, provides clean, dependable, quiet performance.



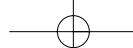
PT COUPLINGS

Sleeve 종류 및 특성

 Type JE, JN		 Type JES, JNS	<p>◆ JE,JN & JES, JNS Type</p> <ul style="list-style-type: none"> ▶ One Piece 또는 한쪽면 절개된 구조 ▶ 적용범위 : JE, JN Type – 3~10 JES, JNS Type – 3~8 ▶ 소재 : EPDM (-34 ~+135도) Neoprene (-18 ~+93도) ▶ 표준형으로 가장 범용화된 제품이다.
 Type E		 Type N	<p>◆ E & N Type</p> <ul style="list-style-type: none"> ▶ Two Piece로 분리된 슬리브를 스냅링으로 고정하는 구조 ▶ 적용범위 : E Type – 5~16 N Type – 5~14 ▶ 소재 : EPDM (-34 ~+135도) Neoprene (-18 ~+93도) ▶ 양축간의 갭이 거의 없을 때 슬리브 교환이 용이하다.
 Type H		 Type HS	<p>◆ H & HS Type</p> <ul style="list-style-type: none"> ▶ H : One Piece / HS : Two Piece ▶ 적용범위 : S Type – 6~14 SC Type – 6~14 ▶ 소재 : Hytrel (-54 ~+121도) ▶ 고토르크에 적용 (E와 N의 4배 용량) ▶ J나 B 플랜지에는 적용이 안됨.

Sleeve의 제원 : 13 & 14 Hytrel Sleeve는 HS 타입임.

SIZE	JE,JN & JES, JNS Sleeve			E & N Sleeve			H & HS Sleeve		
	D	W	Wt(Kg)	D	W	Wt(Kg)	D	W	Wt(Kg)
3	47.7	25.4	0.03	–	–	–	–	–	–
4	58.7	31.8	0.05	–	–	–	–	–	–
5	74.7	39.6	0.09	74.7	39.6	0.11	–	–	–
6	95.3	47.7	0.18	95.3	47.7	0.22	95.3	47.7	0.20
7	110.2	55.6	0.28	110.2	55.6	0.35	110.2	55.6	0.31
8	128.5	63.5	0.51	128.5	63.5	0.63	128.5	63.5	0.63
9	152.4	76.2	0.66	152.4	76.2	0.90	152.4	76.2	0.81
10	179.3	87.4	1.05	179.3	87.4	1.45	179.3	87.4	1.31
11	–	–	–	208.0	101.6	2.31	208.0	101.6	2.04
12	–	–	–	242.8	119.1	3.67	242.8	119.1	3.30
13	–	–	–	284.2	139.7	5.88	284.2	139.7	5.34
14	–	–	–	332.5	165.1	9.55	332.5	165.1	8.73
16	–	–	–	454.9	222.3	20.50	–	–	–

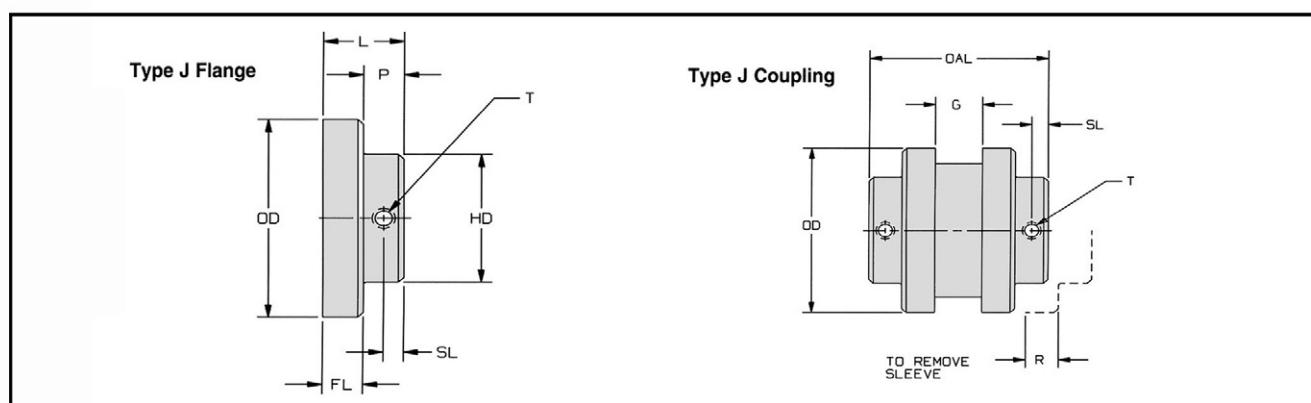


Sleeve 기술자료

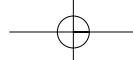
Coupling	Sleeve Material	Basic HP Ratings @ Varying RPM				Torque Rating in.-lbs.	N-m	Torsional Stiffness in.-lb./rad	Max. Bore w/std. kw in. mm	Max. RPM
		100	1200	1800	3600					
3	EPDM & Neoprene	.10	1.1	1.7	3.4	60	6.78	229	.88	22
4	EPDM & Neoprene	.19	2.3	3.4	6.9	120	13.56	458	1.00	25
5	EPDM & Neoprene	.38	4.6	6.9	13.7	240	27.12	916	1.18	30
6	EPDM & Neoprene	.71	8.6	12.9	25.7	450	50.84	1718	1.44	37
6H	Hytrel	2.90	34.0	51.0	103.0	1800	203.37	10000	1.44	37
7	EPDM & Neoprene	1.20	14.0	21.0	41.0	725	81.91	2769	1.62	41
7H	Hytrel	4.60	55.0	82.0	164.0	2875	324.83	20000	1.62	41
8	EPDM & Neoprene	1.80	22.0	32.0	65.0	1135	128.24	4335	1.94	49
8H	Hytrel	7.20	86.0	129.0	259.0	4530	511.82	30000	1.94	49
9	EPDM & Neoprene	2.90	34.0	51.0	103.0	1800	203.37	6875	2.38	60
9H	Hytrel	11.40	137.0	206.0	411.0	7200	813.49	47500	2.38	60
10	EPDM & Neoprene	4.60	55.0	82.0	164.0	2875	324.83	10980	2.75	70
10H	Hytrel	18.00	216.0	324.0	648.0	11350	1282.38	100000	2.75	70
11	EPDM & Neoprene	7.20	86.0	129.0	259.0	4530	511.82	17300	3.38	86
11H	Hytrel	28.60	343.0	514.0	1028.0	18000	2033.73	125000	3.38	86
12	EPDM & Neoprene	11.40	137.0	206.0	...	7200	813.49	27500	3.88	99
12H	Hytrel	50.00	600.0	900.0	...	31500	3559.03	225000	3.88	99
13	EPDM & Neoprene	18.00	216.0	324.0	...	11350	1282.38	43350	4.50	114
13H	Hytrel	75.00	900.0	1350.0	...	47268	5340.57	368900	4.50	114
14	EPDM & Neoprene	28.60	343.0	514.0	...	18000	2033.73	68755	5.00	127
14H	Hytrel	115.00	1380.0	2070.0	...	72480	8189.15	593250	5.00	127
16	EPDM	75.00	900.0	47250	5338.54	180480	5.50	140
										1500

*Values shown are for an ambient temperature of 75°F (24°C).
 Coupling rating is based on sleeve material regardless of flange design.

Type J Dimensions



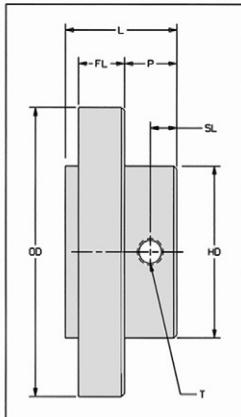
Coupling Size	Max.Bore w/std Keyway	Max.Bore shallow Keyway	L	OD	P	G*	HD	OAL	FL	R	S	T	Flange Wt. (lbs.)	Complete coupling Weight
3J	0.07	50	20.6	52.4	11.2	9.7	38.1	50.8	9.7	14.2	6.4	1/4-20	0.30	0.68
4J	0.14	100	22.4	41.9	11.2	16	41.4	60.5	11.2	19.1	6.4	1/4-20	0.40	0.89
5J	0.23	161	26.9	82.6	11.9	19.1	47.8	73.2	14.9	24.6	7.4	1/4-20	1.10	2.40
6J	0.35	250	33.3	101.6	13.5	22.4	63.5	88.9	19.8	27.7	7.4	5/16-18	1.90	4.36



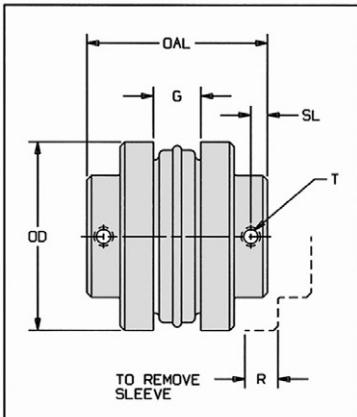
PT COUPLINGS

첫수표(Dimensions)

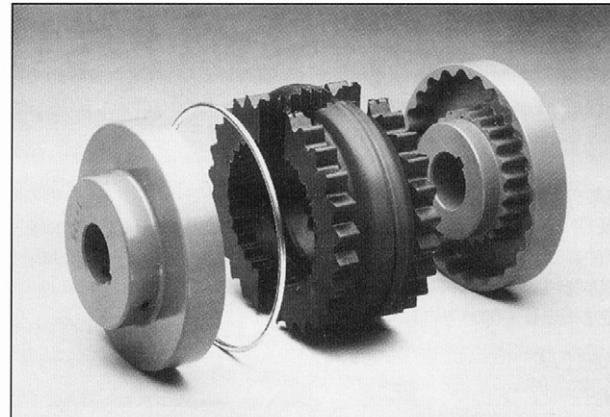
Type S Dimensions



Type S Flange



Type S Coupling



Type S Coupling



Size	Max.Bore		L	OD	P	G*	HD	OAL	FL	R	T	SL	wt/flange (lbs.)
	std Keyway	shallow Keyway											
5S	30	32	34	82.6	11.4	19.1	47.8	71.4	14.9	24.6	25-20	7.37	1.1
6S	37	38	41.4	101.6	13.5	22.4	63.5	88.9	19.8	27.7	31-18	7.37	1.9
		44	33.2	101.6	13.5	22.4	63.5	88.9	19.8	27.7			1.8
		47	0.3	101.6	19.8	22.4	71.4	101.6	19.8	27.7			1.8
7S	4	47	46.7	117.5	17.5	25.4	71.4	100.1	19.8	33.3	38-16	8.89	2.6
8S	29	57	53.1	138.4	19.1	28.7	82.6	112.8	23.1	38.1	38-16	9.65	4.4
		60	49.2	138.4	26.2	28.7	82.6	127	23.1	38.1			3.7
9S	60	64	61.2	161.3	19.8	36.6	92.2	128.5	26.2	44.5	5-13	10.4	6.5
		73	57.9	161.3	31.8	36.6	104.9	152.4	26.2	44.5			6.2
10S	70	80	69.1	190.5	20.6	41.4	111.3	144.5	30.9	50.8	5-13	10.4	10.5
		85	68.3	190.5	37.3	41.4	120.7	177.8	30.9	50.8			9.8
11S	86	92	87.3	219.1	28.7	47.8	133.4	181.1	38.1	60.5	5-13	14.2	16.6
		98	77.7	219.1	39.6	47.8	143	203.2	38.1	60.5			16.4
12S	73		101.6	254	32.5	58.7	123.9	209.6	42.9	68.3	5-13	1	27.5
	99	100	101.6	254	32.5	58.7	146.1	209.6	42.9	68.3			26.6
13S	73		111.3	298.5	33.3	68.3	123.9	234.9	50	77.7	63-11	20.6	43.0
	114		111.3	298.5	33.3	68.3	171.5	234.9	50	77.7			45.0
14S	73		114.3	352.4	26.9	82.6	123.9	250.9	57.2	88.9	63-11	15.7	66.0
	127		114.3	352.4	26.9	82.6	190.5	250.9	57.2	88.9			69.0
16S	140	152	152.4	479.4	50.8	102.7	203.2	368.3	69.9	107.9	63-11	25.4	125.0

시는 프트 선의 거로서보다 커하며, 에서의 을 보다 한다.

일부 의 S지는 키의 이가은 shallow ewa가으로 공다.

Type SC (Spacer Type)

