



Sure-Flex® PLUS+

NEW Sure-Flex Plus Improved EPDM and Neoprene Sleeves

- 30% Higher Torque Rating
- Lasts over 3X longer than competitors
- Many common applications can now use a smaller size coupling
- Quick and easy installation
- Spacer, bushed hub, and clamping hub designs in stock
- Flexible design accommodates misalignment and protects equipment
- 7° to 21° torsional wind-up
- Up to 8,20 kNm; 72,480 in.lbs. with Hytrel sleeve
- Needs no lubrication, no maintenance

Sure-Flex Plus®

By TB Wood's

Did you know...

Sure-Flex Plus® couplings are a better value

A recent cost analysis, completed through a national distributor's website, compared TB Wood's Sure-Flex Plus and other types of couplings. The comparison simulated the selection of a coupling for a 15hp motor @1750 RPMs with a 1-5/8" shaft connected to a centrifugal pump with a 1" shaft. The Sure-Flex Plus and competitors coupling selections are shown below.

Pricing from the national distributor revealed that Sure-Flex Plus couplings are nearly one-third the cost of other couplings. Value does not imply that a user must sacrifice quality and durability. Sure-Flex Plus couplings have exceptional torsional flexibility, while the 4-way flexing action absorbs virtually all types of shock, vibration, misalignment and end float.

With a value like this, it is no wonder that TB Wood's Sure-Flex Plus couplings are the largest selling coupling in their class.





Benefits of a quality coupling

	Sure-Flex Plus	Grid Type	Clamp Tire
Easy to Install No special tools, bolts, gaskets, seals, grease or covers required.	•		
No lubrication required "Grid" Type coupling requires a periodic maintenance task of greasing the coupling.	•		•
Flexible Design Allows for 4 way flexing action to absorb any effects from misalignment.	•		
Torsional Flexibility Allows for exceptional angular wind-up to absorb any shock up to 21°.	21°	2-3°	2-4°
Leading elastomeric coupling design for pump applications Sure-Flex Plus couplings are the largest selling coupling in their class.	•		
Number of Parts Lighter, fewer number of parts than the grid or clamp tire coupling assemblies. Less weight, less bearing stress.	3	10+	13+
Superior vibration damping Pumps using Sure-Flex Plus couplings connected to electrical motors have lower vibration.	•		

Flexible Coupling Interchange

Horsepower @ 1750 rpm	NEMA Frame & Shaft Sizes		Torque (in. lbs)	TB Wood's Sure-Flex	Falk Steelflex	Dodge Para-Flex
	T-Series Frame	Shaft				
1	143T	7/8"	36	3J/JE	1020T	PX40FBX
1.5	145T	7/8"	54	3J/JE	1020T	PX40FBX
2	145T	7/8"	72	4J/JE	1020T	PX40FBX
3	182T	1-1/8"	108	5J/JE	1020T	PX40FBX
5	184T	1-1/8"	180	5J/JE	1020T	PX40FBX
7.5	213T	1-3/8"	270	6J/JE	1030T	PX40FBX
10	215T	1-3/8"	360	6J/JE	1030T	PX40FBX
15	254T	1-5/8"	540	7S/JE or 5S/H	1040T	PX50FBX
20	256T	1-5/8"	720	7S/JE or 6S/H	1040T	PX50FBX
25	284T	1-7/8"	900	8S/JE or 6S/H	1050T	PX50FBX
30	286T	1-7/8"	1080	8S/JE or 5S/H	1050T	PX60FBX
40	324T	2-1/8"	1441	9S/JE or 6S/H	1060T	PX60FBX
50	326T	2-1/8"	1801	9S/JE or 7S/H	1060T	PX60FBX
60	364TS	1-7/8"	2161	10S/JE or 7S/H	1050T	PX70FBX
75	365TS	1-7/8"	2701	10S/E or 8S/H	1050T	PX80FBX
100	404TS	2-1/8"	3601	11S/E or 8S/H	1060T	PX80FBX
125	405TS	2-1/8"	4502	11S/E or 9S/H	1060T	PX90FBX
150	444TS	2-3/8"	5402	12S/E or 9S/H	1070T	PX100FBX
200	445TS	2-3/8"	7203	12S/E or 10S/H	1070T	PX110FBX
250	—	—	9004	13S/E or 10S/H	1080T	PX120FBX