

## TB Wood's Flex Couplings

- Precise shaft alignment without having to eyeball it
- Choose from Sure-Flex and Dura-Flex couplings

TB Wood's top quality flex couplings reduce vibration between your pump and motor. They're simple to install and easy to align—no special tools required. Choose from standard Sure-Flex or heavy-duty Dura-Flex couplings.



### Sure-Flex® Couplings

TB Wood's original Sure-Flex couplings offer an economical solution for precise shaft alignment in general applications. Coupling inserts are available in solid and split styles. Choose EPDM construction for extreme temperatures (-30 to 275°F), or Hytrel® construction for high-torque applications.



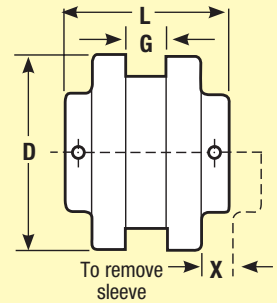
Sure-Flex Coupling

#### Sure-Flex Coupling Series Selection Guide

Motor hp	1/2	1/2	1	1 1/2	2	3	5	7 1/2	10	15	20	30	40	50	60	75
<b>1750-rpm Series</b>	3	3	3	4	4	5	6	6	7	8	8	9	10	10	11	11
<b>3500-rpm Series</b>	N/A	3	3	3	3	4	5	5	6	6	7	8	8	9	9	10

#### Sure-Flex Coupling Dimensions

Series	L	D	X	G
3	1 <sup>31/32</sup> "	2.062"	5/8"	3/8"
4	2 <sup>11/32</sup> "	2.460"	5/8"	5/8"
5	2 <sup>13/16</sup> "	3.250"	3 <sup>1/32</sup> "	3/4"
6	3 <sup>1/2</sup> "; 4" (1 <sup>7/8</sup> " bore only)	4.000"	1 <sup>3/32</sup> "	7/8"
7	3 <sup>15/16</sup> "	4.625"	1 <sup>5/16</sup> "	1"
8	4 <sup>7/16</sup> "; 5" (2 <sup>3/8</sup> " bore only)	5.450"	1 <sup>1/2</sup> "	1 <sup>1/8</sup> "
9	5 <sup>1/16</sup> "; 6" (2 <sup>7/8</sup> " bore only)	6.350"	1 <sup>3/4</sup> "	1 <sup>7/16</sup> "
10	5 <sup>11/16</sup> "; 7" (3 <sup>3/8</sup> " bore only)	7.500"	2"	1 <sup>5/8</sup> "
11	7 <sup>1/8</sup> "; 8" (3 <sup>15/16</sup> " bore only)	8.625"	2 <sup>3/8</sup> "	5 <sup>1/4</sup> "



#### For a complete Sure-Flex Coupling:

1. Determine your motor's hp and rpm
2. Use selection guide at right to identify your required coupling series #
3. Based on your coupling series #, order:
  - one insert
  - two coupling halves (bore size specifications required for each half)

BORE RANGES	COUPLING HALVES			EPDM SOLID INSERTS			EPDM SPLIT INSERTS			HYTREL SOLID INSERTS			EPDM DOUBLE SPLIT INSERTS W/ RETAINING RING		
	MFR #	STOCK #	EACH	MFR #	STOCK #	EACH	MFR #	STOCK #	EACH	MFR #	STOCK #	EACH	MFR #	STOCK #	EACH
3/8 to 7/8"	3J	19612	\$	3JE	19781	\$	3JES	19780	\$	—	—	—	4E	19802	\$
1/2 to 1"	4J	19642		4JE	19791		4JES	19790		—	—	—	5E	19803	
1/2 to 1 1/4"	5S	19702		5JE	19801		5JES	19800		—	—	—	—	—	—
5/8 to 1 7/8"	6S	19812		6JE	19841		6JES	19840		6H	19842	\$	6E	19804	
5/8 to 1 7/8"	7S	19822		7JE	19851		7JES	19850		7H	19852		7E	19805	
3/4 to 2 3/8"	8S	19832		8JE	19861		8JES	19860		8H	19862		8E	19806	
7/8 to 2 7/8"	9S	19836		9JE	19865		9JES	19864		9H	19866		9E	19807	
1 1/4 to 3 5/8"	10S	19837		10JE	19868		10JES	19869		10H	19870		10E	19808	
1 1/4 to 3 7/8"	11S	19833		—	—	—	—	—	—	11H	19863		11E	19809	

### Dura-Flex® Couplings

- Built tough to prevent premature failure

Their unique shoe design minimizes bond stress and ensures long life. Specially-formulated elastomeric construction stands up to UV radiation and other harsh weather conditions. Dura-Flex elements come in standard lengths, or with a spacer for applications requiring extra distance between coupling halves.

When in use, coupling halves attach to QD bushings (order separately on page 26), and the element or spacer element attaches the coupling halves to each other.

#### For a complete Dura-Flex Coupling:

1. Use order table below to compare your motor's hp and rpm to the max hp rating
2. Based on these parameters, order:
  - one element (standard or spacer)
  - two coupling halves
  - two QD bushings (order separately on page 26)



Dura-Flex Coupling

WOODS MFR #	QD BUSHING TYPE	MAX HP @ 1750 RPM	MAX HP @ 3500 RPM	COUPLING HALVES		STANDARD ELEMENTS		EACH	SPACER ELEMENTS		
				STOCK #	EACH	OVERALL LENGTH*	STOCK #		OVERALL LENGTH*	STOCK #	EACH
WE5	SH	25	50	37420	\$	4.32 to 5.3"	37423	\$	7.52 to 8.5"	37426	\$
WE10	SDS	40	80	37421		4.33 to 5.57"	37424		7.52 to 8.76"	37427	
WE20	SK	60	125	37422		4.62 to 6.82"	37425		9.35 to 11.17"	37428	

\* Minimum and maximum overall length of element when assembled with both coupling halves.