In a real-life vibration test conducted by a major pump OEM, pump systems using Sure-Flex Plus couplings experienced among the lowest vibration. Of nine coupling styles tested, Sure-Flex Plus gave one of the strongest performances, beating out almost all other couplings tested.

With results like these, it’s no wonder why TB Wood’s Sure-Flex Plus couplings continue to be the largest selling coupling in their class. Maintenance and downtime due to coupling failure is costly. Make sure it’s a Sure-Flex Plus!

Industry research has shown...

Low Pump Vibration with Sure-Flex Plus couplings on Motor to Pump applications

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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

Figure 1: Aligned Pump Overall Vibration Levels with Different Couplings Installed.*


TB Wood’s
Altra Industrial Motion
**TB Wood’s Sure-Flex Plus® Elastomeric Coupling features:**
- Sure-Flex Plus is an original TB Wood’s design.
- Widest selection of sizes on the market.
- Over 50 years of proven performance.

Customer Service: 1-888-829-6637 Press #5  
Tech Support: 1-888-829-6637 Press #7

**Why should a customer choose Sure-Flex Plus over any other flex coupling?**

*Because:*

a) Higher Torque: EPDM and Neoprene sleeves now have 30% increased torque ratings compared to our old industry standard.
b) Flexible. 4-Way flexing action, absorbs shock, vibration, misalignment and end float.
c) No lubrication or maintenance.
d) Quick & Easy Installation. No bolts, gaskets, covers or seals.

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**TB Wood’s Dura-Flex® Elastomeric Coupling features:**
- Patented shoe design minimizes bond stress to ensure long life.
- Superior element geometry provides better flexibility. Superior material provides longer life in tough environments.
- Available in metric and “inch” versions.

Customer Service: 1-888-829-6637 Press #5  
Tech Support: 1-888-829-6637 Press #7

**Why should a customer choose Dura-Flex over any other flex coupling?**

*Because:*

a) Easy Installation. The “split-in-half” element design allows for flex element replacement without moving hubs or connected equipment.
b) No lubrication or maintenance.
c) Bonded elastomer design. Makes Dura-Flex ideal for VFD (Variable Frequency Drive) pump and fan applications.

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**TB Wood’s G-Flex Grid Coupling features:**
- Based on Bibby Technology. Bibby is the inventor of the original grid coupling.
- 100% interchangeable with industry standard tapered grid coupling.
- Horizontal and vertical covers available.

Customer Service: 1-888-829-6637 Press #5  
Tech Support: 1-888-829-6637 Press #7

**Why should a customer choose G-Flex over any other grid coupling?**

*Because:*

a) Features a shot peened tapered grid element for long life and high performance.
b) High torque/Economical. Combines the economy and high torque of a gear coupling and the torsional flexibility of an elastomeric coupling.
c) Easy Installation. Grid element design allows for easy installation or replacement without moving connected equipment.