

Sure-Flex® Plus

By TB Wood's



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

Industry research has shown... Low Pump Vibration with Sure-Flex Plus couplings on Motor to Pump applications

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!

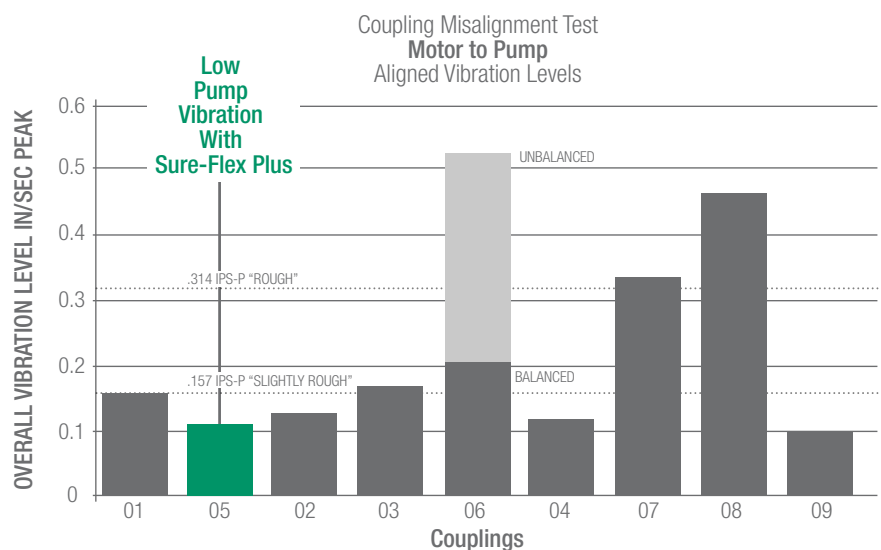


Figure 1: Aligned Pump Overall Vibration Levels with Different Couplings Installed.*

References: Lorenc, Jerome A., "Changes in Pump Vibration Levels Caused by the Misalignment of Different Style Couplings", Proceedings of the Eighth International Pump Users Symposium, Turbomachinery Laboratory, Department of Mechanical Engineering, Texas AM University, College Station, Texas, pp. 63-70 (1991).



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:

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



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.

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

Because:

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



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.

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

Because:

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