



Dura-Flex by TB Wood's

Dura-flex couplings "split-in-half" element design allows for easy element installation/replacement without moving connected equipment or disturbing the shaft connection. Spacer design can accommodate a large range of shaft spacing with few parts. Patented design minimizes bond stress for long coupling life. Highly flexible and able to accommodate shaft misalignment while minimizing vibration and preventing damage to connected equipment.

- Easy to assemble/replace
- High misalignment ratings
- No maintenance/lubrication
- Part-for-part interchangeable with industry standard design
- In-stock versatile spacer design can accommodate many configurations with few parts

Get Durability with Dura-Flex®

By TB Wood's

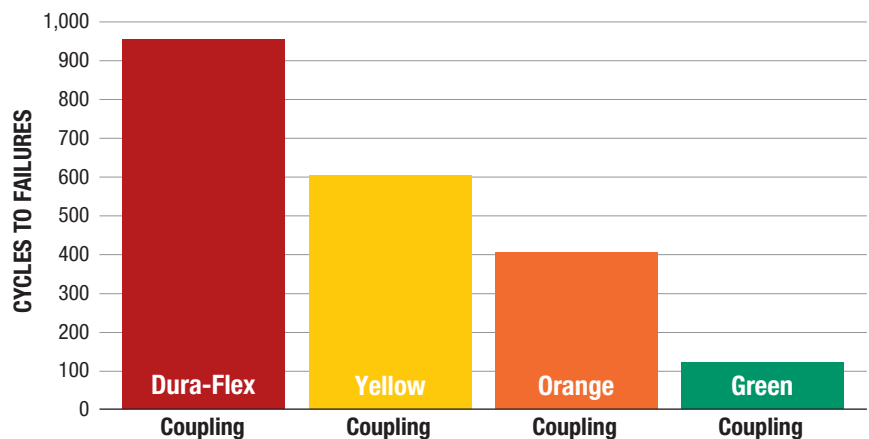
Results show...

Dura-Flex is 1.5x – 7.5x better in a low cycle fatigue life test than its competitor

What is fatigue in a coupling?

Fatigue occurs when a coupling is subjected to repeated loading and unloading, like the stopping and starting of a pump.

Fatigue Test - 2 Weeks 180°F (82°C) H₂O Vapor





How does the torsional stiffness of a coupling affect my equipment? Lower stiffness equals lower vibration and isolation

Dura-Flex Features

Tensile Strength: 5X – 15X stronger in water vapor

Shelf Life: Greater than 5 years

Bond: 15 years proven field performance

Inventory: Three of our competitors products can't match the performance of one Dura-Flex

Cost: Lower cost and better performance than green coupling

Quality: High quality control on materials produces a more consistent, reliable coupling

Weight: Lower flex element weight by design

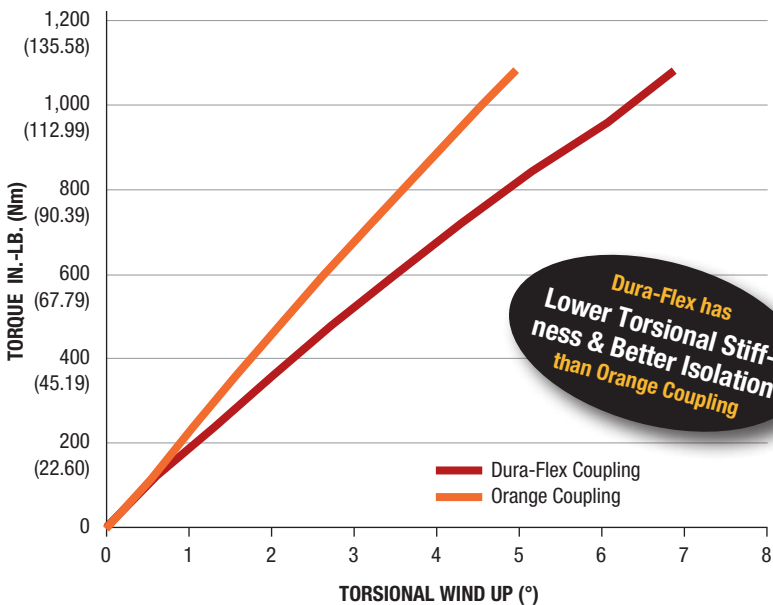
Material: Polyether material is better than competitor's polyester material

Easy Installation: Easy flex element replacement without moving hubs or connected equipment

Versatility: Part-for-part interchange with industry standard design

Options: Bore-to-size (BTS), Sure-Grip bushed (QD), Taper-Lock hubs and full metric coupling sizes available

Cap Screws: SAE j-429 hex-flange bolts with serrated head



The Dura-Flex elastomer coupling has been proven to optimize torque transmission, while minimizing parallel, angular, and axial stiffness.

Remember the 3 L's:

Lower Stiffness = **L**ess bearing loads = **L**onger equipment life



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