



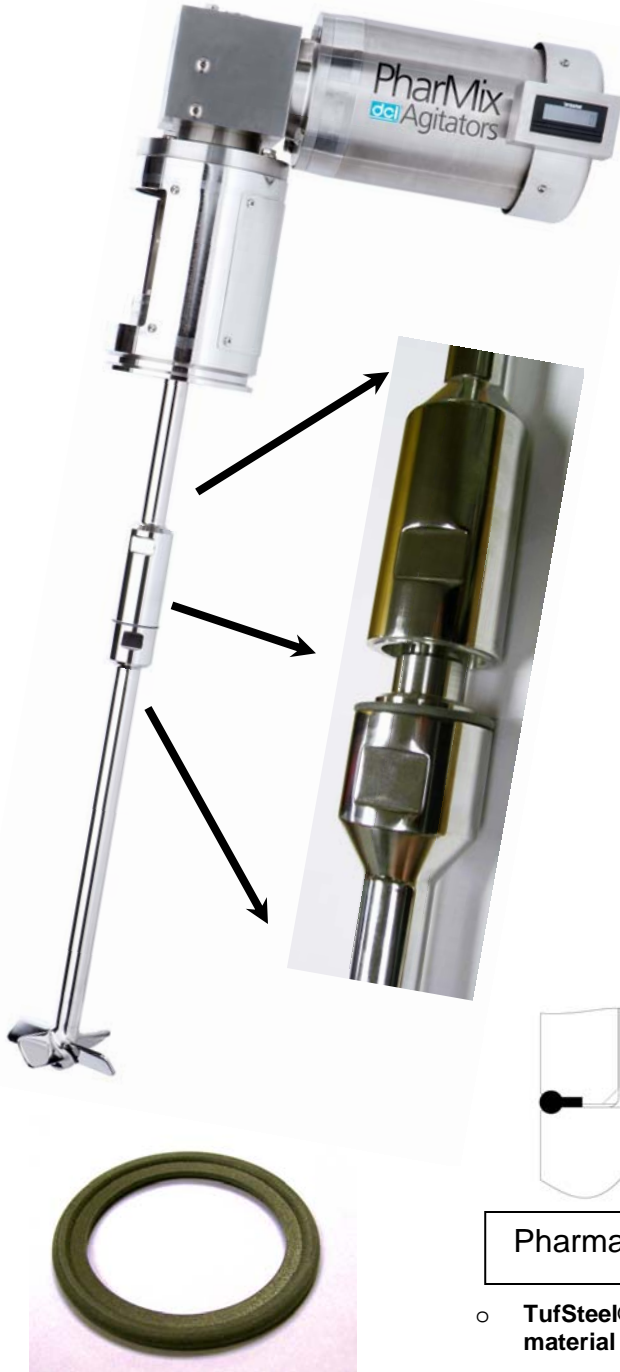
PharmaSeal Hygienic Coupling for Agitator Shafts

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Technical Data Sheet

X-7277-0

- **Patent Pending** seal design allows for Superior Cleanability.
- Coupling is suitable for use either above or below the product surface.



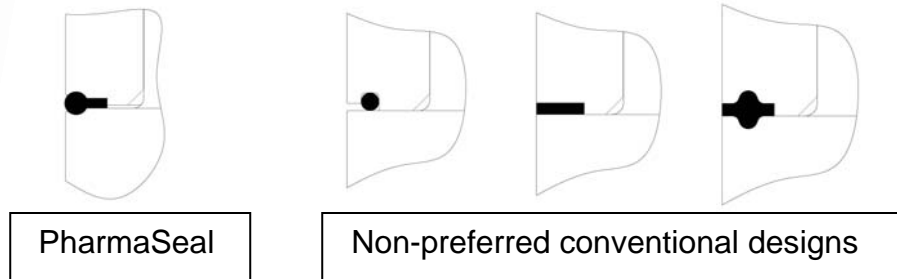
➤ Applications:

- Used in conjunction with large diameter seal-welded impellers and/or extended shaft lengths where one-piece continuous shafting cannot be installed
- For use in multi-product mixing vessels where impellers are changed to match processing requirements
- Allows frequent equipment inspections and allows ease of maintenance

➤ Features:

- Flush exterior, smooth profile, self-draining o-ring design exposed to product
- No flat gasket surfaces exposed
- O-ring section will not extrude like standard o-rings
- No fasteners or exposed threads
- Crevice free design
- Built-In Compression Control to prevent over extrusion of gasket
- Self-centering gasket for ease of installation
- Lower half of coupling holds gasket in place while tightening allowing for ease of installation
- Gasket material is low friction allowing minimal binding or rippling when tightening coupling, a common issue with conventional designs
- A standard o-ring can be used in place of the DCI PharmaSeal custom seal

➤ The PharmaSeal difference (cross section view):



- TufSteel®, a blend of Teflon and 316 stainless steel is the standard seal material offered, others are available upon request
- This **Patent Pending** seal design is also available for use on sanitary diptube assemblies, removable spargers, bolts, along with clamped and screwed fittings, or other applications replacing typical o-ring or Tri-Clamp® type gaskets.