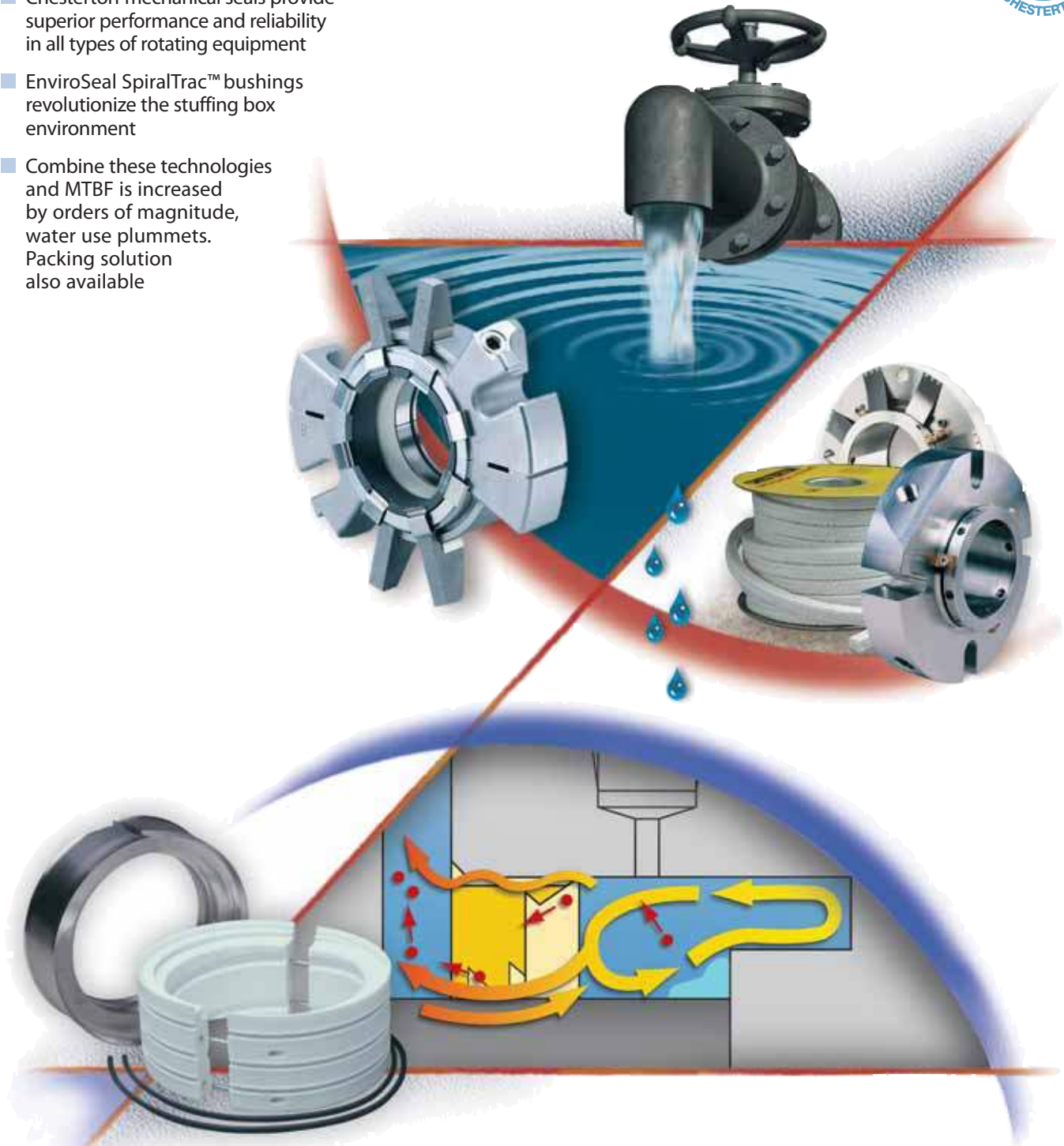


# CHESTERTON®/EnviroSeal

## Run Lean, Run Clean



- Chesterton mechanical seals provide superior performance and reliability in all types of rotating equipment
- EnviroSeal SpiralTrac™ bushings revolutionize the stuffing box environment
- Combine these technologies and MTBF is increased by orders of magnitude, water use plummets. Packing solution also available



*Let the savings begin!*

# The Chesterton/EnviroSeal Alliance

## We Offer Rotating Equipment Users The Ultimate Fluid Sealing Solution.

The solution is simple; install a Chesterton mechanical seal with an EnviroSeal SpiralTrac environmental controller and experience maximum uptime with minimum flush usage. With this exclusive alliance, your Chesterton Technical Specialist can now offer an unmatched sealing solution; the high reliability of Chesterton seals combined with the enhanced environment created by the SpiralTrac.

The benefits start with the first rotation of your equipment:

- Dramatically decreased or eliminated flush
- Extended MTBF — typically 2-6 times that of a conventional seal operating alone
- Enhanced, cleaner circulation around sealing device
- Minimized solids accumulation in stuffing box to prevent erosion and wear
- Reduced sensitivity to inadvertent loss of flush pressure

The chart below is a sampling of successes that have resulted from the Chesterton/EnviroSeal alliance. Call your Chesterton Technical Specialist and experience the ultimate sealing solution.

**Discover the difference of the Chesterton/EnviroSeal sealing solution, and let the savings begin!**



Industry	Application	Previous Results	Solution	New Results
Pulp & Paper	Paper Stock (4-5%)	<ul style="list-style-type: none"><li>• Poor quality seal water</li><li>• Insufficient flush pressure</li><li>• Leakage</li></ul>	Chesterton 155 SpiralTrac Version D	<ul style="list-style-type: none"><li>• No Flush</li><li>• No Leaks</li><li>• 3 years — still running</li></ul>
Pulp & Paper	Effluent	<ul style="list-style-type: none"><li>• One week life from competitive split seal with recirculation line</li></ul>	Chesterton 442 SpiralTrac Version D	<ul style="list-style-type: none"><li>• No Flush</li><li>• 3 years — still running</li></ul>
Pulp & Paper	Bleach service	<ul style="list-style-type: none"><li>• Excessive flush</li><li>• Reduced seal life</li></ul>	Chesterton 442 SpiralTrac Version F	<ul style="list-style-type: none"><li>• 8-10 gph flush</li><li>• 4 years — still running</li></ul>
Power Generation	Fly Ash	<ul style="list-style-type: none"><li>• Very abrasive environment too harsh for most mechanical seals</li><li>• Typical seal life: 6-8 months</li></ul>	Chesterton 442 SpiralTrac Version F	<ul style="list-style-type: none"><li>• 2.5 years — still running</li></ul>
Mining Coal Prep	33% coal slurry	<ul style="list-style-type: none"><li>• Excessive erosion</li><li>• Very frequent packing replacements</li><li>• Excessive leakage of both black water and flush water</li></ul>	Chesterton 442 SpiralTrac Version N	<ul style="list-style-type: none"><li>• No Leaks</li><li>• 2 years — still running</li></ul>
Aluminum	Aluminum Hydrate	<ul style="list-style-type: none"><li>• Excessive erosion and shortened seal life even with high flush rate</li></ul>	Chesterton 180 SpiralTrac Version N	<ul style="list-style-type: none"><li>• No Flush</li><li>• 2 years — still running</li></ul>
Fertilizer	Phosphoric Acid	<ul style="list-style-type: none"><li>• Excessive erosion and leakage</li><li>• Shortened seal life</li></ul>	Chesterton 155 SpiralTrac Version N	<ul style="list-style-type: none"><li>• No Flush</li><li>• 3 years — still running</li></ul>



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