

The Ultimate Chesterton SuperSet™ with DualPac™ 2212 and SpiralTrac™



Pulp & Paper | Pulp | Packing



Application Info & Challenge

- **Industry:** Pulp & Paper
- **Location:** Hungary
- **Equipment:** Andritz TF20 refiner
- **Measured flush rate:** 5.82 l/min

Disk Refiner is equipped with OEM packing, 5 ring set with lantern ring running on API32 plan with external flush.

Customer has issues with high flush rate and non-acceptable leakage, with frequent packing replacement and sleeve damage.

Goal is to replace the existing gland packing to improve the reliability and MTBF and the same time reducing the flush rate.



Andritz TF20 disk refiner



Original 2L3 packing setup

Solution & Result

- Chesterton SuperSet:
 - Chesterton 2212 DualPac® packing
 - **Packing Version SpiralTrac** made of ESC material
- Rotary Live Loading
- Flow Guardian

Flush rate has been reduced by **75%**, from 5.8 l/min to 1.5 l/min! MTBF increased to 1 year, resulting in a ROI of 8 month!

Annual Saving: 1,125 €/equipment!



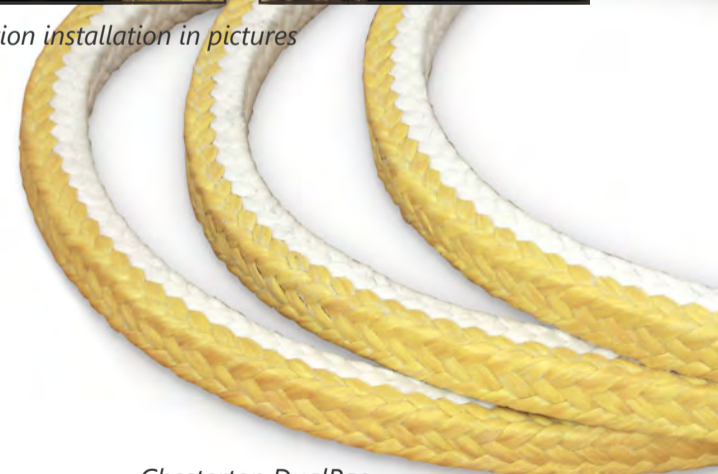
Chesterton Solution installation in pictures



Thermo camera showing heat measurements during operation



Packing Version SpiralTrac



Chesterton DualPac 2212 packing

For more information please send an email to us at support@enviroseal.ca. We hope to hear from you!

