SuperCorrExpo Tech Talks: Hybridmesh Double Backer Belt

October 1, 2020
BACKGROUND AND HISTORY

“Don’t let tradition get in the way of innovation.”
About Us

• Location | Star City, AR
• Markets | Paper and Pulp, Nonwovens, Corrugator, and Engineered Woods
• Experience | Corrugated Industry
• North American Distributor of GKD Hybridmesh Double Backer Belt
Armor Press Belt

• Armor Press Belts
  • Features
  • Warranty
PRODUCT DEVELOPMENT
• The GKD Group is an internationally leading technology and services company with around 883 employees worldwide (as at 2020).
• Headquarters in Düren, Germany. GKD has five other production sites in the USA, Chile, South Africa, India and China, branches in France, Spain and Dubai and representatives all over the globe.
• Manufacturing belting for the corrugated industry for over 30 years.
GKD Hybridmesh Development

- 10 years of development
- Belts are woven in Germany but will be fabricated and serviced in the United States.
- Combines features of spiral and woven belt
- Open and resistant/robust mesh structure
- Multilayer mesh (bronze inside of the mesh)
GKD Hybridmesh 3322 Features

- 175 CFM air permeability
- High traction
- Low noise emissions
- Dimension stability through thermo treatment – no elongation so no mounting service necessary for shortening the belt
- Excellent flatness and directional stability of corrugated sheets
GKD Hybridmesh 3322 Features

- Custom made clipper seam - flat, non-marking seam
PRODUCT ADVANTAGES
GKD Hybridmesh 3322 Advantages

- Saving electric drive energy
- Reduced glue consumption due to faster evaporation - 5% less glue in drying process
- Less heating energy used
- Significant increase in production speed
GKD Hybridmesh 3322 Advantages

- Aramid edges to avoid abrasion wear on heat plates
- Anti-static
Customer Feedback

- 180 million running meters in 3 years without downtime related to the belt
- 15-20% saving on energy drive
- 9% less heating cost
- 15% energy savings
- Belts changed within 3-4 hours; half the time required for conventional models
- 8% increase in process speed
CONCLUSION
Product Recap

FEATURES
• Light weight but strong
• High Permeability
• Combination of Spiral and Woven Belts
• Anti-stretch

ADVANTAGES
• Energy Savings
• Less heating energy
• Faster dry times
• Faster Production
Thank you!