



**For Durability.  
For Life.**

# Aquarius **Armor**

Roll Cover Technology



# Aquarius Armor

## Consistent, long-life performance.



## Aquarius Armor Technology

Developed by Stowe Woodward's global research and product engineering team, Aquarius Armor roll covers deliver long, constant, superior performance in the super-soft cylinder couch, extractor couch, and lumpbreaker applications.

With Aquarius Armor, machine superintendents will now have a consistent nip pressure and performance throughout the life of the cover. The durable polyurethane shell of Aquarius Armor does not experience the wear seen by other soft polyurethane or rubber materials.



Chemical attack is greatly minimized to prevent significant changes in hardness and nip pressure. CD uniformity is greatly improved due to the excellent abrasion resistance.

Aquarius Armor is engineered to stay in the machine for an extremely long time at a constant diameter and constant hardness, giving the operator the most reliable and predictable machine operation.

## Aquarius Armor Benefits

- Built around a concept of providing the most consistent machine operation in the cylinder couch, extractor couch, and lumpbreaker positions
- Designed to provide nip pressures equal to the existing roll covers
- Engineered with a super -soft non-hardening rubber substrate and a much harder super abrasion resistant polyurethane "Armor" shell
  - » Polyurethane "Armor" shell has much greater chemical and abrasion resistance than standard soft polyurethane covers
  - » Non-hardening rubber substrate which has the abrasion resistance of a standard rubber cover is no longer in contact with the sheet or worn away
- Targeting one to two super long runs rather than multiple short runs
  - » Eliminates most maintenance regrind costs and associated freight charges
  - » Roll diameter no longer changes significantly over time, providing the most consistent nip pressure through the life of the cover

For more information contact your local Stowe Woodward representative or visit [Xerium.com](http://Xerium.com).

