



element™ VR

AVAILABLE IN SEAM OR ENDLESS

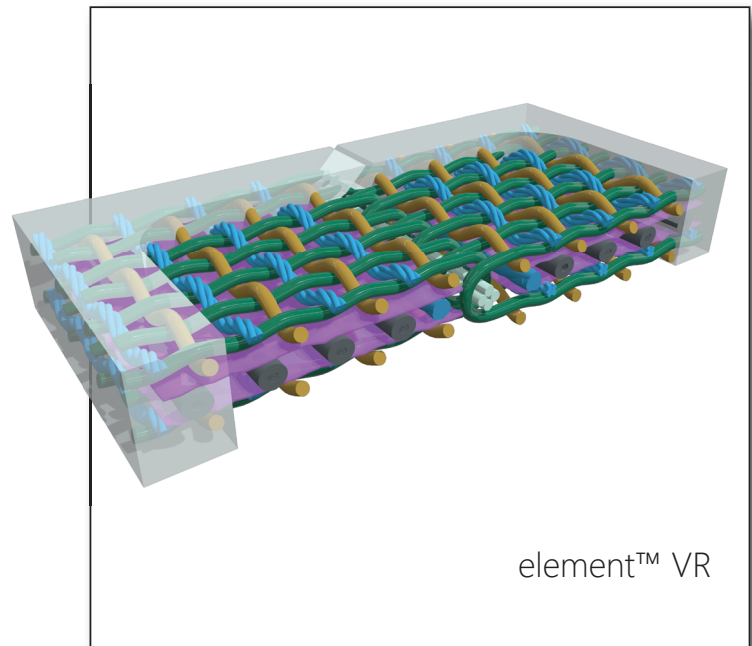


element™ VR improving machine performance through innovation

The element™ VR is the latest product developed from the element™ platform. The element™ platform utilizes the combination of multi-axial and non-woven technology to create the first INTRINSIC 3 Layer seam felt.

The key to the success of the element™ VR is the use of a non-woven, CD oriented polyurethane yarn system in the center of the felt. This polyurethane layer acts as a shock absorber between the two outer base layers to absorb energy and dampen vibration. The polyurethane yarn is extremely resilient. It will compress in the nip and fully recover as it exits the press. The void volume chart shows that when unloaded, the felt has void volume slightly greater than a 3-layer element™ ST but as you increase the press nip load, the void volume drops to that of a 2-layer product. In addition to vibration dampening, this resiliency creates steady state dewatering throughout the felt life.

The element™ VR comes in an endless or seam construction. AstenJohnson's unique AccuLink™ seam technology ensures excellent seamability, a highly durable seam flap, superior seam strength and virtually no seam mark.



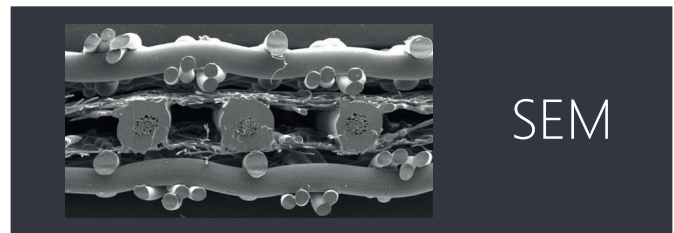
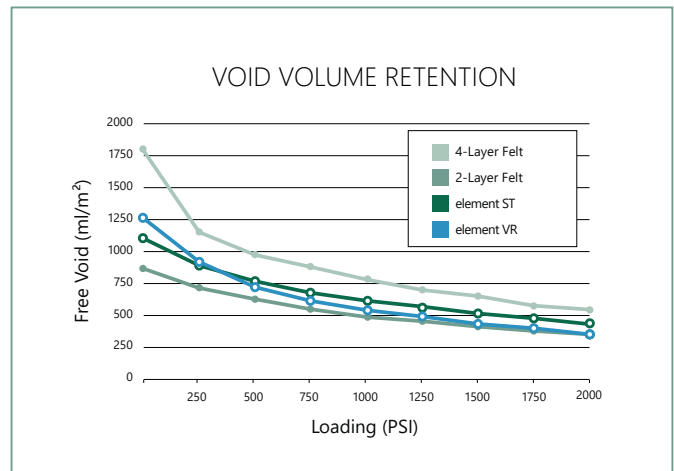
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Benefits

- Intrinsic 3 layer seam – no laminated top layer to protrude from the seam
- Vibration Dampening
- Steady State operation
- Highly Compressible – excellent nip dewatering

Applications:

- 3rd and 4th Positions with high nip intensity
- Vibration prone positions
- Positions requiring high nip dewatering
- Single Nip Shoe Presses



SEM

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