

# SWECO®

# Fusion™ screens

## PRECISION TENSIONING, LOWER TOLERANCES

**S**weco® Fusion™ Screens are the latest in a long line of technologically advanced products from Sweco, the originator of the vibratory round separator, Supertaut® Plus Screens, Magnum™ Screens and countless other innovations. Available in Fusion and Fusion Plus (FDA) construction, Fusion Screens have been designed to eliminate the use of adhesive, epoxy or silicone in screen manufacturing. Instead, the mesh is “fused” directly into the patented polymer construction tension ring. The repeatability of the robot construction assures precise tensioning, lower tolerances and smaller deviations of the screens. The robot construction also allows for rapid turnaround time so you get your screens faster.

Fusion’s unitary construction integrates the screen gasket directly into the tension ring. This design eliminates the handling and stocking of separate gaskets and provides a precision fit into the separator. This unitary design also reduces cracks and crevices, producing a more “cleanable” screen with less potential for cross contamination. And the one-time use ring is disposable, saving handling and shipping fees to return the rings.



The next generation in vibratory screens is here. Fusion Screens. Available from Sweco ... your separation expert.



*We Put Technology In Motion™*

[www.sweco.com](http://www.sweco.com)

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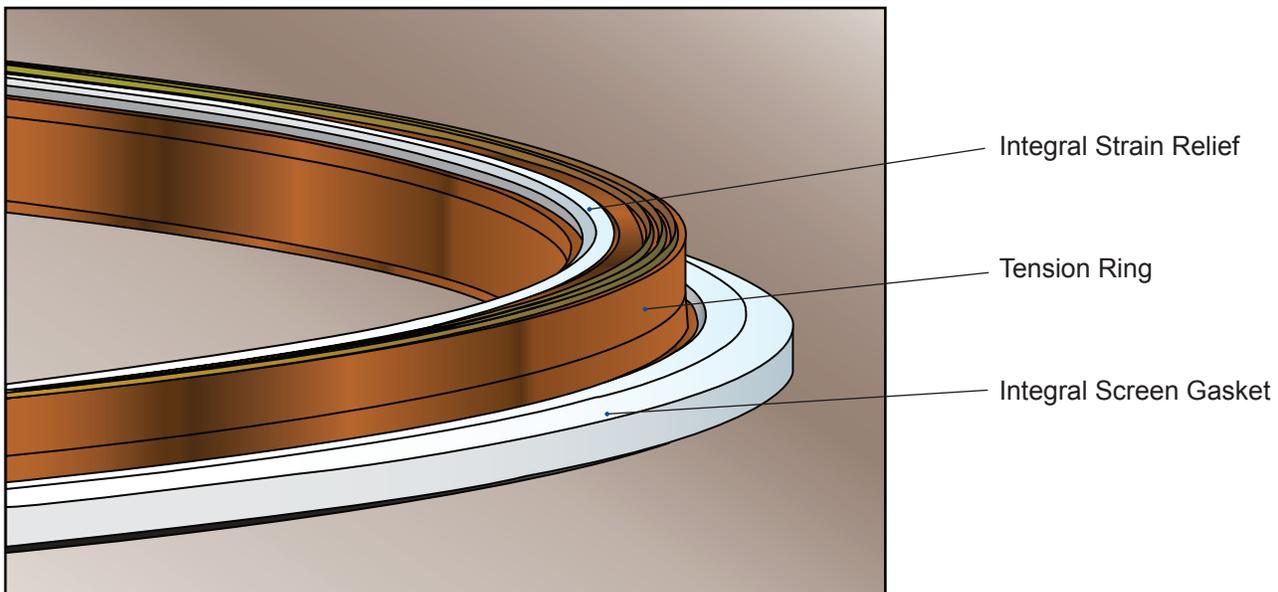
# Unitary Design Improves Consistency

## *Benefits of Fusion Screens*

- Repeatability of robot construction
- Precise tensioning
- Lower screen tolerances / smaller deviations
- Fast service / lead times
- Handling and stocking of separate screen gaskets is eliminated
- Less potential for contamination
- Improved cleanability
- Totally sealed to minimize bacterial buildup

## *Features of Fusion Screens*

- Unitary design incorporates an integral screen gasket, screen frame and strain relief (non-gasket ring also available)
- FDA approved construction on Fusion Plus
- Temperature limits
  - Fusion - 150°F (66°C) wet, 185°F (85°C) dry
  - Fusion Plus - 185°F (85°C) wet, 210°F (99°C) dry
- No adhesives, epoxies or silicones
- Engineered strain relief



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