



# TTI

TODD TECHNOLOGIES INC

# TTI PowerGuard Spin-On Elements

TTI offers a full line of PowerGuard Spin-On Elements fit TTI filtration systems as well as retrofit filters for existing systems. Options include dual phase microglass and moisture absorbing cartridges in industry-standard configurations. With broad chemical compatibility and covering the full range of operating temperatures, TTI's offerings are an ideal choice for the harshest filtration applications.



# TTI PowerGuard Spin-On Elements

Spin-On Elements are used to clean hydraulic fluids and lubricants in pressurized fluid-management systems. In-line hydraulic filters are installed on the low-pressure, return line side of a hydraulic system to clean fluid before it returns to the reservoir. Clean hydraulic fluid reduces contaminant buildup, controls operational & maintenance costs, and maximizes the service life of system components.

Spin-On canister filter elements have an integrated pleated filter element. When the filter becomes clogged with contamination, the canister is simply un-screwed and replaced with a new element.

## Applications:

- Hydraulic power transmission equipment, return lines
- Mobile or stationary filter carts
- Bulk storage filler systems

## Features:

- Pleated Microglass filtration media provides superior retention efficiency, contaminant capacity, chemical compatibility, with low pressure drop.
- Steel wire support layering maximizes structural strength and provides optimal flow drainage.
- Maximum working pressure of 200 psi
- Rugged 100 psid collapse strength

- Buna seals standard. Viton® and EPDM optional.
- 1.5"-16 UN mounting thread
- Media is potted and seamed with high-performance epoxy for superior element integrity.
- Available in industry-standard micron ratings and in a water-absorbing grade.





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## Particulate Removal Elements

### BETA 1000 (99.9%) RETENTION PERFORMANCE (PER ISO 16889)

Model	Length	Rating
TT-SFS-3	7"	3 micron
TT-SFS-6	7"	6 micron
TT-SFS-10	7"	10 micron
TT-SFS-25	7"	25 micron
TT-SFL-3	11"	3 micron
TT-SFL-6	11"	6 micron
TT-SFL-10	11"	10 micron
TT-SFL-25	11"	25 micron

## Water Removal Elements

Model	Length
TT-SFS-WA	7"
TT-SFL-WA	11"

Custom ratings and configurations are available on special request.  
Consult with your TTI representative for more information.

