



## TTI POWERGUARD™ Spin-On Elements

TTI offers a full line of **POWERGUARD™** Spin-On Elements and 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-Ons

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® 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.



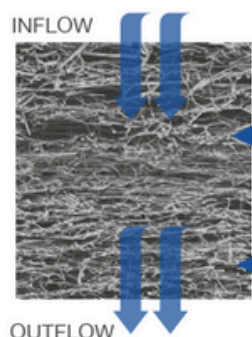
TTI Filter  
Cart



## Ordering Made Simple

Model	Micron Rating Beta 1000	Seal Type
TT75S-8	1	B = Buna
	3	V1 = Viton (0.17" Wide)
	6	V2 = Viton (0.30" Wide)
	10	
	25	
	25CWA	

Part Number Example: TT75S-8-3V1 = TT75S-8 (3 micron, 0.17" wide viton seal.



### DUAL PHASE FILTRATION MEDIA

Delivers superior filtration efficiency and dirt holding capacity with a low pressure drop

#### Pre-Filter Phase

Pre-filtration phase provides high dirt holding capacity for capturing larger particulates in fluids, extending the life of the filter element

#### Final Retentive Phase

Fine denier fibers provide high efficiency polishing to remove the finest particulates

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