



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.



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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.





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Ordering Made Simple

Model	Length	Micron Rating	Seal Type
TT75S	4	1	B=Buna
	8	3	V1=Viton(0.17" Wide)
		6	V2=Viton(0.30" Wide)
		10	
		25	
		25CWA*	

Part Number Example: TT75S-4-3V = TT75S (4 length, 3 micron filter, Viton Seal Type

**CWA= Water Absorbing*

Custom ratings and configurations are available on special request.

Consult with your TTI representative for more information.

