

Canister Separator

SI Series

Fully Qualified to EI 1581 6th Edition, Category M

DESCRIPTION

The SI-xxxx Series separator canister is composed of an inner PTFE-coated 200 mesh screen. The open endcap on the five inch canister has a locking bayonet mount with wavy spring. The blind end has a nozzle to fit a DOD coalescer o-ring endcap.

These separators are qualified to Category M and M100 of the EI 1581 6th Edition Specification.

APPLICATION

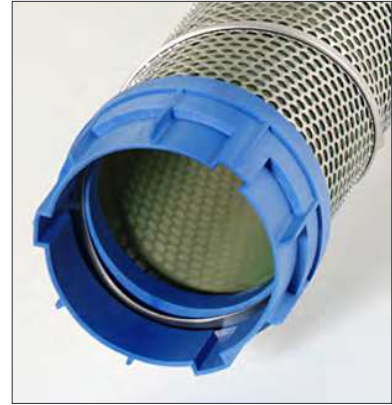
The SI-xxxx Series separator canisters are made to fit over first stage coalescers in DOD military vessels such as those originally made to the MIL-F-27629, MIL-F- 27630, and MIL-PRF-52308 specifications.

The inner PTFE coating repels water droplets as fuel exits the canisters, adding another layer of protection to the fueling system. The water droplets in the annular gap between the outside diameter of the coalescer and the inside diameter of the separator canister fall to the sump area at the bottom of the filter vessel, where they can then be drained.

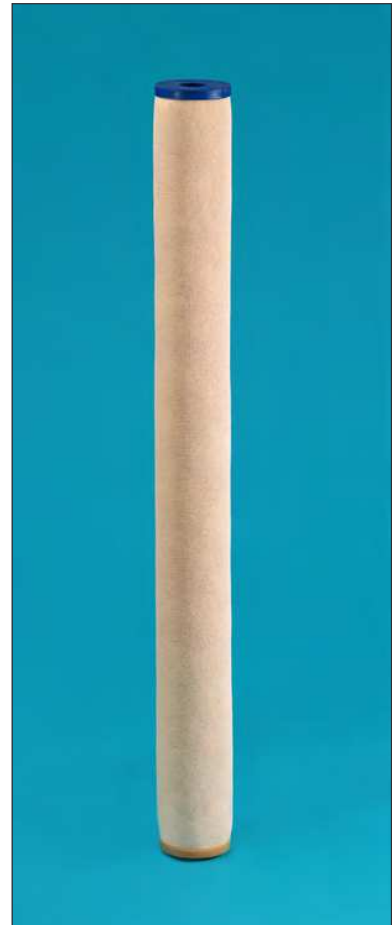
SPECIFICATIONS

Model #	NSN #	OAL (in.)	OD (in.)	ID (in.)	Micron Rating (µm)
SI-422A*	4330-01-152-2376	21.56	4.46	4	140
SI-443*	4930-01-561-5968	43	4.6	4.5	140
SI-522	4330-01-511-8316	22.44	5.23	4	140
SI-522E	4330-00-112-0256	22.44	5.23	4	140
SI-542	4330-01-511-8274	42.5	5.23	4	140

**SI-422A and SI-443 have open endcap with no bayonet mount, and are not EI 1581 qualified. SI-443 is not qualified to any of the MIL specs listed above.*



Open endcap with bayonet mount



SI-542 Separator