



# Canister Separator

## SI-xxxx Series

### Fully Qualified to API/EI 1581 5th Edition, Category M

#### DESCRIPTION

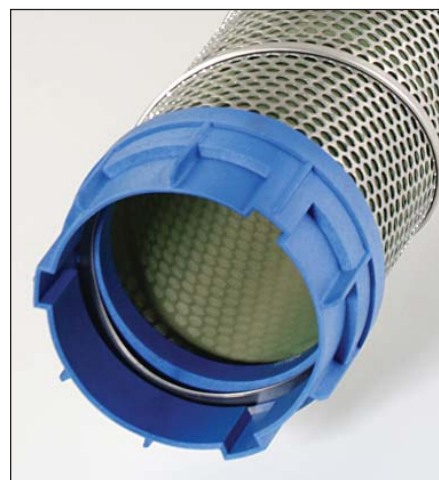
The SI-xxxx Series separator canister is composed of an inner Teflon®-coated 200 mesh screen. The open endcap on the five inch canister has a locking bayonet mount with wavy spring. The blind end has a nozzle for a DOD coalescer o-ring endcap.

These separators are qualified to Category M and M100 of the API/EI 1581 5th 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SI-xxxx Series separator canisters are made to fit over first stage coalescers in DOD military vessels such as those originally made to the MIL-F-27629, MIL-F-27630, and MIL-PRF-52308 specifications.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 Teflon 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.



Open endcap with bayonet mount

#### SPECIFICATIONS

Velcon Model #	NSN #	OAL	OD	ID	Micron Rating
SI-422A*	4330-01-152-2376	21.56	4.46	4	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 has an open endcap with no bayonet mount, and is not API/EI 1581 qualified.



SI-542 Separator

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The logo for Velcon, featuring the word "Velcon" in a stylized, italicized serif font. Below the text is a thick, black, curved swoosh that starts under the 'V' and ends under the 'n', pointing towards the right.

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