



Repeller™

Synthetic Separator Cartridges

The **Repeller**, Velcon's synthetic material separator, has successfully passed Group II, Class B tests in vertical and horizontal test vessels with our 85 series coalescers. Flow rates for both the coalescers and separators are higher than previous Group II, B tests.

The **Repeller** is intended for customers who want a low cost, disposable, low static charging separator.

API qualified flow rates in vertical class B vessels with the **Repeller** will range from 209 to 1,670 USGPM; from 250 to 2,000 USGPM in the horizontal class B vessels. Thus, most of the Class B vessels in the field can be retrofitted with the new Repeller synthetic separator cartridges.

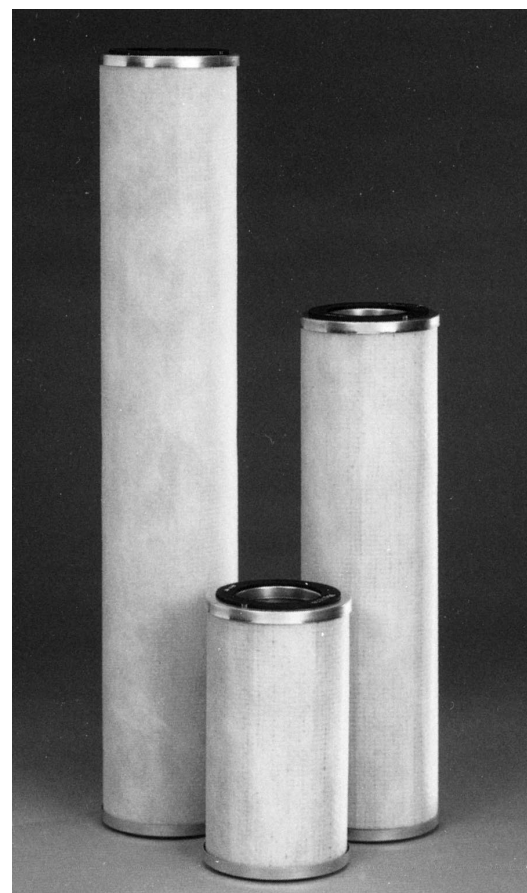
FEATURES AND BENEFITS

- Competitively priced
- Low static charging generator
- Cleanable and reusable
- Qualified for virtually all Group II Class B vertical vessels up to 1,670 USGPM
- Qualified for Group II Class B horizontal vessels up to 2,000 USGPM

MODELS AVAILABLE

SO-6XXCSN	3 ¹ / ₂ " ID both ends
SO-6XXCMSN	4 ¹ / ₂ " ID with blind cap
SO-6XXCPSN	4 ¹ / ₈ " ID with blind cap

Cleaning procedures are essentially the same as for cleaning the Teflon Coated Screen (TCS) separators, which are detailed in Velcon Form #1242. We recommend that the synthetic separators be cleaned a maximum of two times to ensure that the separator will effectively repel the coalesced water drops.



The Repeller is manufactured in a variety of sizes ranging from 11" to 56" long.

Element	OAL	Qty Per Carton	C.F. Per Carton	Competitive Element (Facet)
SO-611CSN	11.25	12	4.1	SS611FD
SO-614CSN	14.5	12	5	SS614FD
SO-616CSN	16.25	12	5.5	SS616FD
SO-623CSN	22.5	6	4.1	SS622FD
SO-629CSN	29	6	5.5	SS629FD
SO-630CSN	30	6	5.5	SS630FD
SO-633CSN	33.13	6	5.5	SS633FD
SO-636CSN	36	6	6.2	SS636FD
SO-640CSN	40	6	7.4	SS640FD
SO-644CSN	44	6	7.4	SS644FD
SO-648CSN	48	6	7.9	SS648FD

CSN = "C" - Standard
2% Uniform Center Tube
(6" OD x 3.56" ID End Caps)

"SN" - Synthetic Media

Element	OAL	Qty Per Carton	C.F. Per Carton	Competitive Element (Facet)
SO-609CMSN	9	12	4.1	SS609FF
SO-612CMSN	12	12	4.1	SS612FF
SO-624CMSN	24	6	4.1	SS624FF
SO-636CMSN	36	6	6.2	SS636FF
SO-640CMSN	40	6	7.4	SS640FF
SO-644CMSN	44	6	7.4	SS644FF
SO-648CMSN	48	6	8.7	SS648FF
SO-656CMSN	56	6	9.6	SS656FF

CMSN = "C" - Standard
2% Uniform Center Tube
(6" OD x 4 1/2" ID x Blind Cap)

"M" - 4 1/2" ID at Open End,
Blind Cap w/ 1/2" Tie Rod Hole
at Other End

"SN" - Synthetic Media

Element	OAL	Qty Per Carton	C.F. Per Carton	Competitive Element (Facet)
SO-624CPSN	24	6	4.1	SS624FE
SO-630CPSN	30	6	5.5	SS630FE
SO-633CPSN	33.13	6	5.5	SS633FE
SO-636CPSN	36	6	6.2	SS636FE
SO-640CPSN	40	6	7.4	SS640FE
SO-644CPSN	44	6	7.4	SS644FE
SO-648CPSN	48	6	8.7	SS648FE

CPSN = "C" - Standard
2% Uniform Center Tube
(6" OD x 4 1/8" ID x Blind Cap)

"P" - 4 1/8" ID at Open End,
Blind Cap w/ 1/2" Tie Rod Hole
at Other End

"SN" - Synthetic Media

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