

## 2" Monitor Element

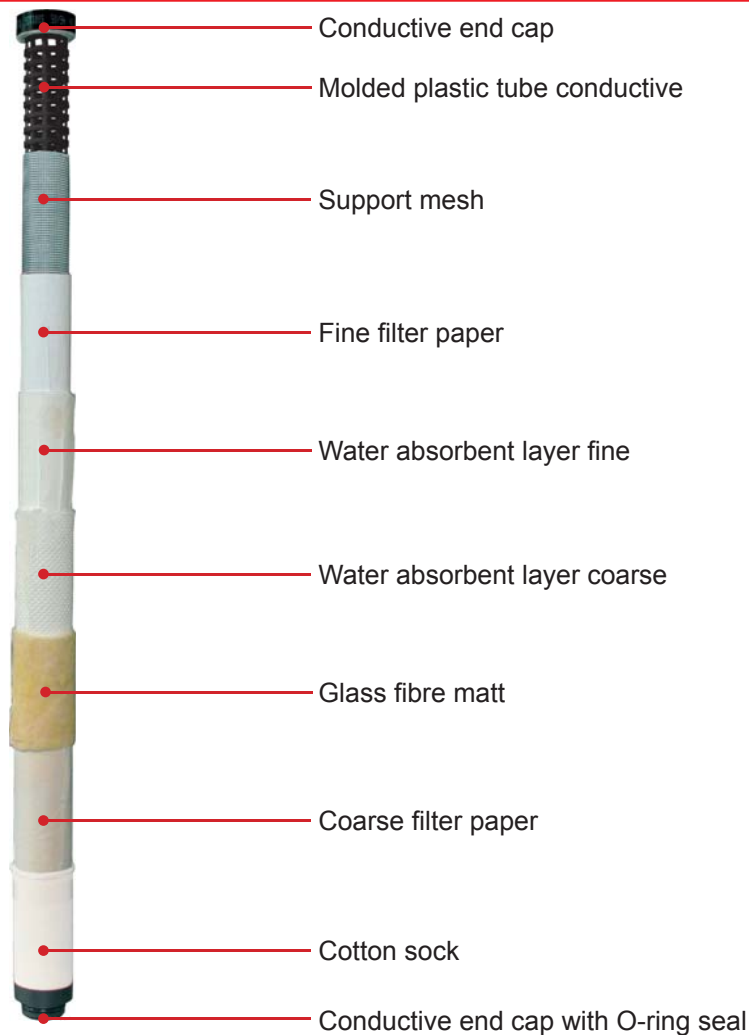
Tested and approved in accordance with EI 1583, 6<sup>th</sup> edition (Laboratory tests and minimum performance levels for aviation fuel filter monitors). Less than 15 ppm of free water and 0 SAP\* (acc. to test report VB-18-11) in the effluent. Fully interchangeable with other EI approved elements. Less than 0.26 mg/l average of solids in the effluent.

Filter monitor vessels are fitted with monitor elements and used on aircraft refuelling vehicles, hydrant dispensers and other mobile fuelling equipment.

\*Super Absorbent Polymer



**This element is not suitable for the use with Aviation fuels containing anti-icing additives (FSII) and therefore it should not be applied!**



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## 2" Monitorelement

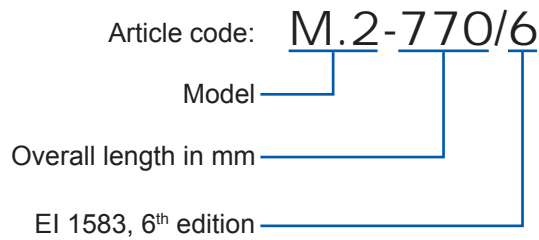
### Technical Details

Tested and approved to EI 1583, 6 <sup>th</sup> edition	
Nominal Filtration	1µm
Change out differential pressure	1.5 bar (22 psi)
Collapse pressure	12 bar (175 psi)
Recommended service time	12 months <sup>1</sup>
Recommended storage time	24 months <sup>1&amp;2</sup>
Operating temperature	min. -30°C/max. 80°C
Flow direction	outside to inside
Outside diameter	50 mm (2")
Sealing material (O-Ring)	NBR (Buna-N®)
Labeling	acc. to EI 1583, 6 <sup>th</sup> edition (date of manufacturing, ID-Number etc.) on the end cap

<sup>1</sup> Manufacturer recommendation

<sup>2</sup> According manufacturer instruction

### Sample of Marking



Type	Flow Rate		Length		Interchangeable with	
	GPM	l/min	mm	inch	Velcon	Facet
M.2-134/6	5	19	134	5 <sup>9/32</sup>	CDF-205x	FG-210-x
M.2-261/6	10	38	261	10 <sup>1/4</sup>	CDF-210x	FG-210-x
M.2-387/6	15	57	387	15 <sup>7/32</sup>	CDF-215x	FG-215-x
M.2-515/6	20	76	515	20 <sup>9/32</sup>	CDF-220x	FG-220-x
M.2-642/6	25	95	642	25 <sup>9/32</sup>	CDF-225x	FG-225-x
M.2-770/6	30	115	770	30 <sup>5/16</sup>	CDF-230x	FG-230-x

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# 2" Monitor Element

electrical conductive

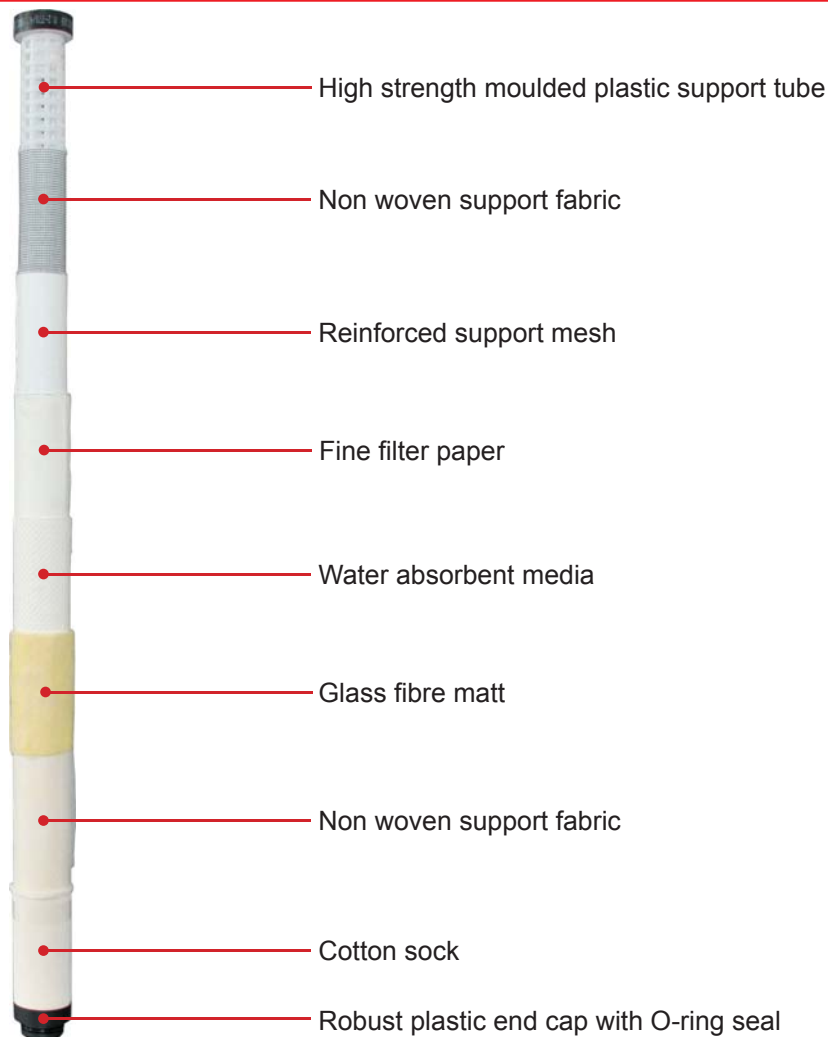
This element is according to the amended information of EI 1583, 4th edition, conductive and will therefore help to prevent electrostatic discharge!

Tested and approved in accordance with the EI 1583, 4th edition (Qualification Procedures for Aviation Fuel Filter Monitors with Absorbent Type Elements). Less than 15 ppm of free water in the effluent. Fully interchangeable with other EI approved elements. Less than 0.26 mg/l average of solids in the effluent.

Filter monitor vessels are fitted with monitor elements and used on aircraft refuelling vehicles, hydrant dispensers and other mobile fuelling equipment.



**This element is not suitable for the use with Aviation fuels containing anti-icing additives (FSII) and therefore it should not be applied!**



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electrical conductive

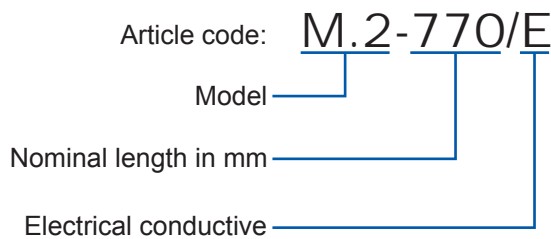
## Technical Details

Tested and approved to EI 1583, 4th edition	
Nominal Filtration	1µm
Change out differential pressure	1.5 bar (22 psi)
Burst pressure	12 bar (175 psi)
Recommended service time	12 months <sup>1</sup>
Recommended storage time	24 months <sup>1&amp;2</sup>
Operating temperature	min. -30°C/max. 80°C
Resistivity	<15 MΩ
Flow direction	outside to inside
Outside diameter	50 mm (2")
Sealing material (O-Ring)	NBR (Buna-N®)
Labeling acc. to EI 1583, 4 <sup>th</sup> edition (date of manufacturing, ID-Number etc.) on the end cap	

<sup>1</sup> Manufacturer recommendation

<sup>2</sup> Original packaging, 20°C and max. 50% humidity after date of shipment out of FAUDI Aviation stock

## Sample of Marking



	Flow Rate		Length		Interchangeable with	
	GPM	l/min	mm	inch	Velcon	Facet
M.2-134/E	5	19	134	5 <sup>9/32</sup>	CDF-205N	FG-210-4
M.2-261/E	10	38	261	10 <sup>1/4</sup>	CDF-210N	FG-210-4
M.2-387/E	15	57	387	15 <sup>7/32</sup>	CDF-215N	FG-215-4
M.2-515/E	20	76	515	20 <sup>9/32</sup>	CDF-220N	FG-220-4
M.2-642/E	25	95	642	25 <sup>9/32</sup>	CDF-225N	FG-225-4
M.2-770/E	30	114	770	30 <sup>5/16</sup>	CDF-230N	FG-230-4

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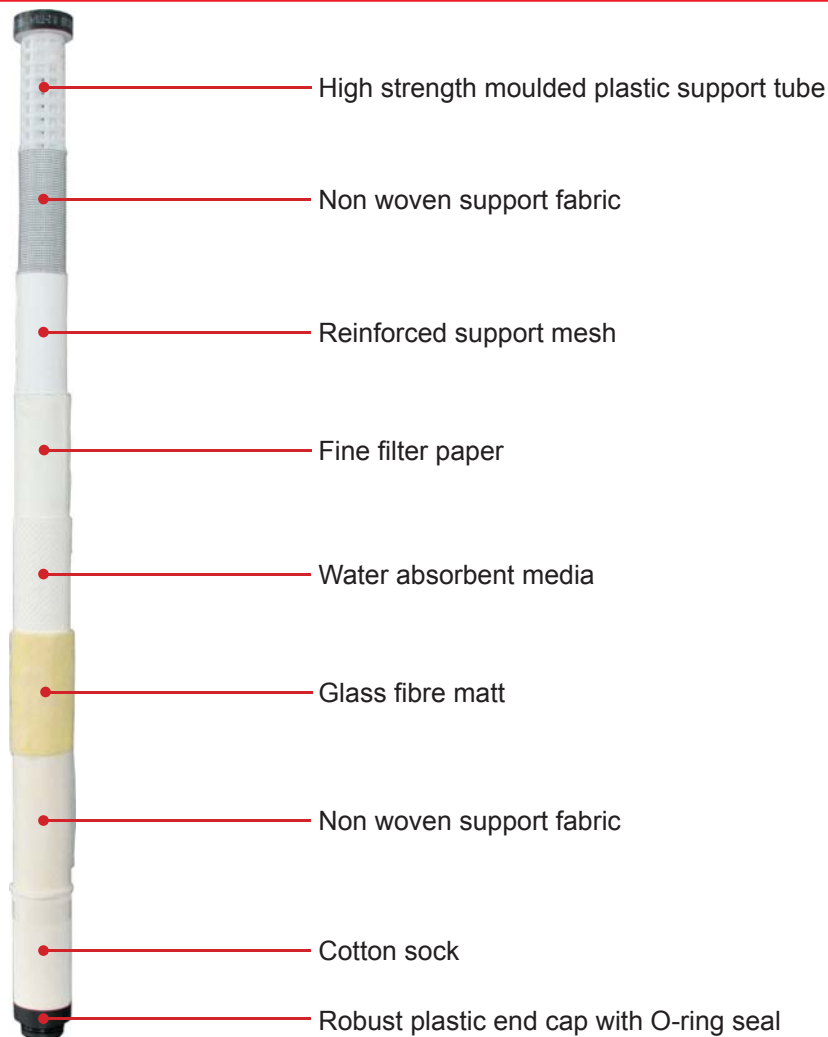
## 2" Monitor Element

Tested and approved in accordance with the EI bulletin 1583, 4th edition (Qualification Procedures for Aviation Fuel Filter Monitors with Absorbent Type Elements). Less than 15 ppm of free water in the effluent. Fully interchangeable with other EI approved elements. Less than 0.26 mg/l average of solids in the effluent.

Filter monitor vessels are fitted with monitor elements and used on aircraft refuelling vehicles, hydrant dispensers and other mobile fuelling equipment.



**This element is not suitable for the use with Aviation fuels containing anit-icing additives (FSII) and therefore it should not be applied!**



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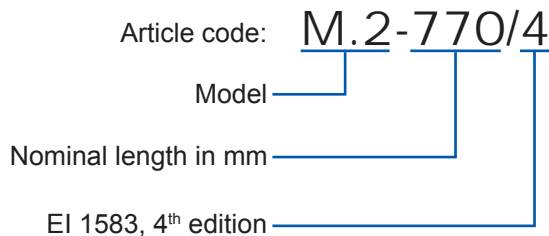
### Technical Details

Tested and approved to EI 1583, 4th edition	
Nominal Filtration	1µm
Change out differential pressure	1.5 bar (22 psi)
Burst pressure	12 bar (175 psi)
Recommended service time	12 months <sup>1</sup>
Recommended storage time	24 months <sup>1&amp;2</sup>
Operating temperature	min. -30°C/max. 80°C
Flow direction	outside to inside
Outside diameter	50 mm (2")
Sealing material (O-Ring)	NBR (Buna-N®)
Labeling	acc. to EI 1583, 4 <sup>th</sup> edition (date of manufacturing, ID-Number etc.) on the end cap

<sup>1</sup> Manufacturer recommendation

<sup>2</sup> Original packaging, 20°C and max. 50% humidity  
after date of shipment out of FAUDI Aviation stock

### Sample of Marking



	Flow Rate		Length		Interchangeable with	
	GPM	l/min	mm	inch	Velcon	Facet
M.2-134/4	5	19	134	5 <sup>9/32</sup>	CDF-205N	FG-210-4
M.2-261/4	10	38	261	10 <sup>1/4</sup>	CDF-210N	FG-210-4
M.2-387/4	15	57	387	15 <sup>7/32</sup>	CDF-215N	FG-215-4
M.2-515/4	20	76	515	20 <sup>9/32</sup>	CDF-220N	FG-220-4
M.2-642/4	25	95	642	25 <sup>9/32</sup>	CDF-225N	FG-225-4
M.2-770/4	30	114	770	30 <sup>5/16</sup>	CDF-230N	FG-230-4

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# 6" Monitor Element (in-to-out)

For the Separation of Water and Solids from Aviation Fuels according API/IP 1583 4th Edition

Qualified acc. to the API(IP) 1583 „Specifications and Qualification Procedures for Aviation Fuel Filter Monitors with Absorbent Type Elements.“

Less than 0.26 mg/l (average) of solids in the effluent, less than 15 ppm of free water in the effluent.

This element is not suitable for the use with Aviation fuels containing anti-icing additives (FSII) and therefore it should not be applied!

## Technical Details

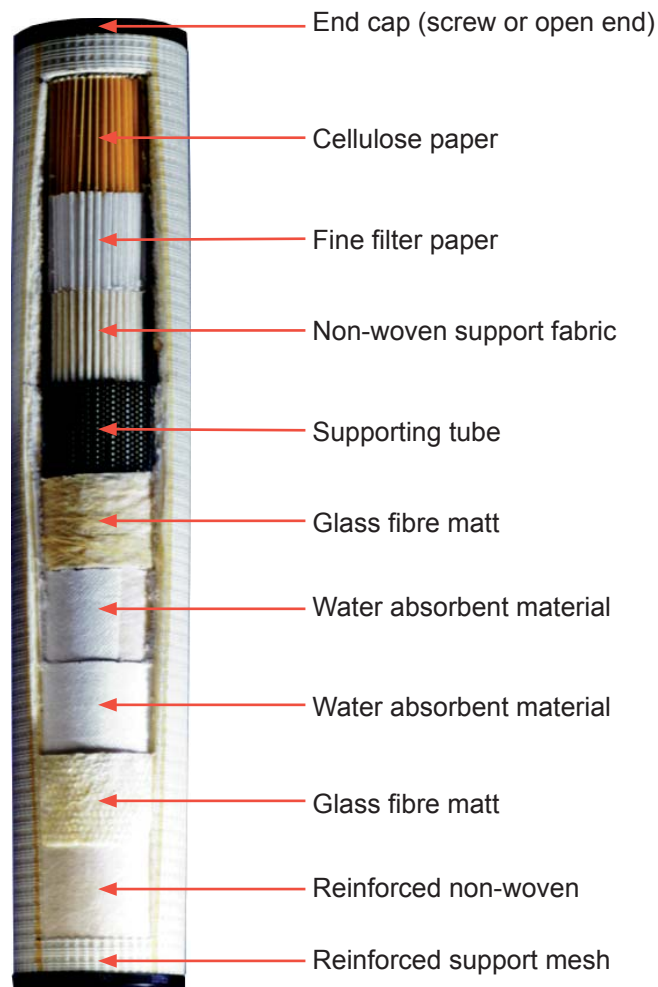
Nominal Filtration:	1µm
Change out differential pressure:	1.5 bar (22 psi)
Burst pressure:	12 bar (175 psi)
Recommended Service time:	12 months <sup>1</sup>
Recommended Storage time:	24 months <sup>1&amp;2</sup>
Operating Temperature:	min. -30°C/max. 80°C
Flow direction:	In to out
Outside diameter:	152 mm (6")

<sup>1</sup> Manufacturer recommendation

<sup>2</sup> Original packaging, 20°C and max. 50% humidity.  
After date of shipment out of FAUDI Aviation stock.

## Standard Design

- Inner tube in epoxy coated carbon steel
- Seals in NBR (Buna-N)
- Endcaps made out of Polyamid/ reinforced glass fibre
- Outside diameter: 152mm (6")
- Labeling according to API/EP (date of manufacturing, ID-Number etc.) on endcap

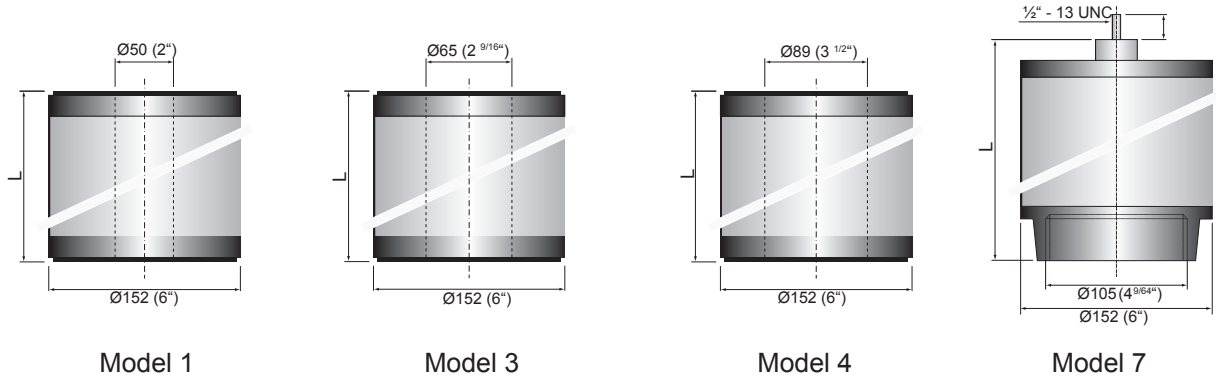
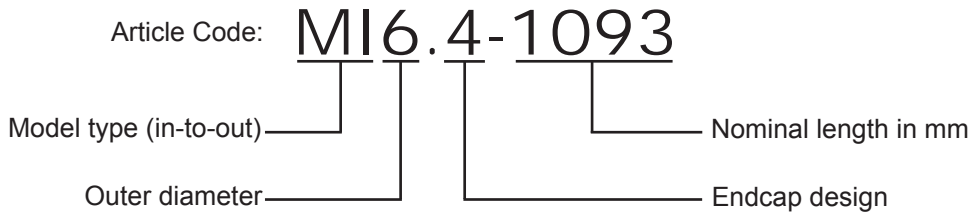


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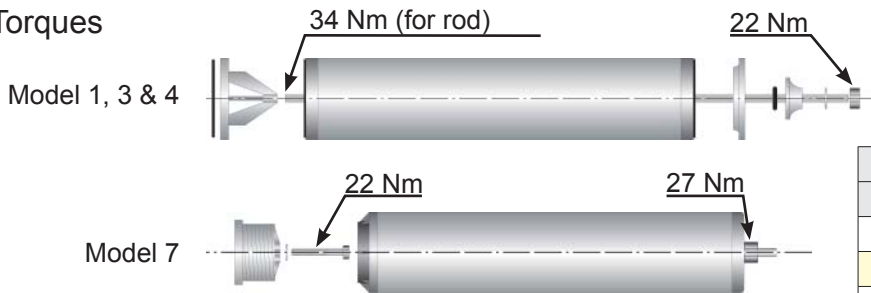
# 6" Monitor Element (in-to-out)

## Sample of Marking



Design	Model	Nominal length		Flow rate		Interchangeable with		
		mm	inch	l/min	USGPM	VELCON		FACET
Open end type 1, 3 & 4	MI6.1-842	848	33 3/8	502	132	-	-	-
	MI6.3-842	848	33 3/8	502	132	-	-	-
	MI6.4-279	285	11 1/4	156	44	ACI-61101K	ACI-61101L	FG-I-611
	MI6.4-362	368	14 1/2	212	56	ACI-61401K	ACI-61401L	FG-I-614
	MI6.4-559	565	22 1/4	333	88	ACI-62201K	ACI-62201L	FG-I-622
	MI6.4-727	733	28 7/8	433	114	ACI-62801K	ACI-62801L	FG-I-628
	MI6.4-842	848	33 3/8	502	132	ACI-63301K	ACI-63301L	FG-I-633
	MI6.4-965	971	38 1/4	575	152	ACI-63801K	ACI-63801L	FG-I-638
	MI6.4-1093	1099	43 1/4	652	173	ACI-64401K	ACI-64401L	FG-I-644
MI6.4-1422	1428	56 1/4	847	224	ACI-65601K	ACI-65601L	FG-I-656	
Screw base type 7	MI6.7-362	351	14 13/16	212	56	ACI-61401KTB	ACI-61401LTB	FG-I-614SB
	MI6.7-559	565	22 1/4	333	88	ACI-62201KTB	ACI-62201LTB	FG-I-622SB
	MI6.7-727	705	27 3/4	433	114	ACI-62801KTB	ACI-62801KTB	FG-I-628SB
	MI6.7-842	834	32 7/8	502	132	ACI-63301KTB	ACI-63301LTB	FG-I-633SB
	MI6.7-965	965	38	575	152	ACI-63801KTB	ACI-63801LTB	FG-I-638SB
	MI6.7-1093	1114	43 7/8	652	173	ACI-64401KTB	ACI-64401LTB	FG-I-644SB
	MI6.7-1422	1418	55 7/8	842	224	ACI-65601KTB	ACI-65601LTB	FG-I-656SB

### Torques



ft/lbs	inch/lbs	kg/m	Nm
17	200	2,30	22
20	240	2,80	27
25	300	3,50	34

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# 6" Monitor Element (out-to-in)

For the Separation of Water and Solids from Aviation Fuels according API/IP 1583 4th Edition

Qualified acc. to the API(IP) 1583 „Specifications and Qualification Procedures for Aviation Fuel Filter Monitors with Absorbend Type Elements.“

Less than 0.26 mg/l (average) of solids in the effluent, less than 15 ppm of free water in the effluent.

This element is not suitable for the use with Aviation fuels containing anti-icing additives (FSII) and therefore it should not be applied!

## Technical Details

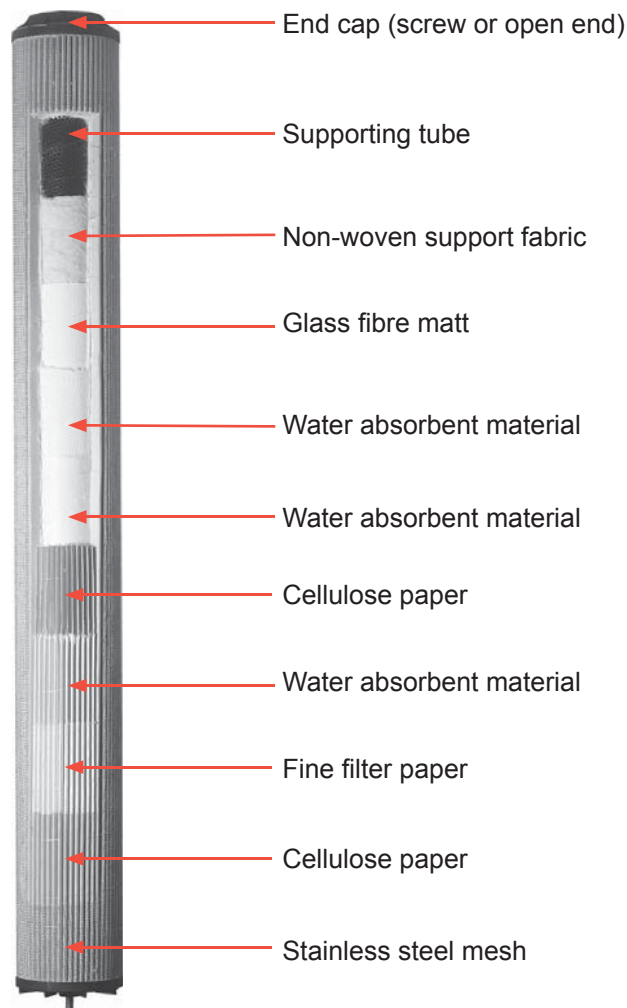
Nominal Filtration:	1µm
Change out differential pressure:	1.5 bar (22 psi)
Burst pressure:	12 bar (175 psi)
Recommended Service time:	12 months <sup>1</sup>
Recommended Storage time:	24 months <sup>1&amp;2</sup>
Operating Temperature:	min. -30°C/max. 80°C
Flow direction:	Out to In
Outside diameter:	152 mm (6")

<sup>1</sup> Manufacturer recommendation

<sup>2</sup> Original packaging, 20°C and max. 50% humidity.  
After date of shipment out of FAUDI Aviation stock.

## Standard Design

- Inner tube in epoxy coated carbon steel
- Seals in NBR (Buna-N)
- Endcaps made out of Polyamid/ reinforced glass fibre
- Outside diameter: 152mm (6")
- Labeling according to API/EP (date of manufacturing, ID-Number etc.) on endcap

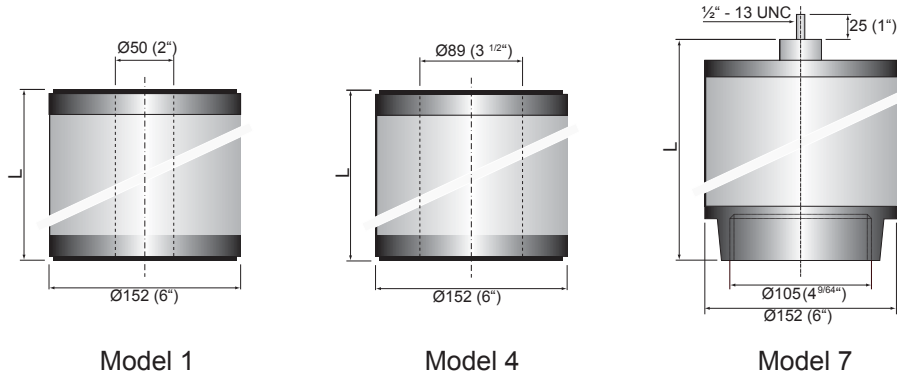
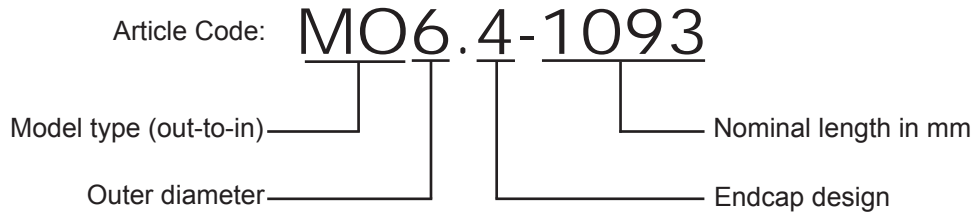


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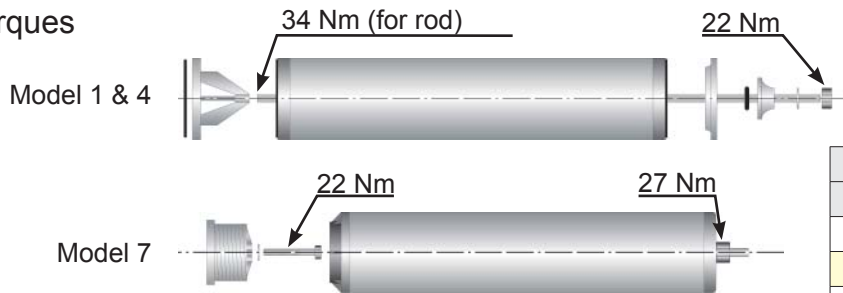
# 6" Monitor Element (out-to-in)

## Sample of Marking



Design	Model	Nominal length		Flow rate		Interchangeable with		
		mm	inch	l/min	USGPM	VELCON		FACET
Open end type 1 & 4	MO6.1-842	848	33 3/8	502	132	-	-	-
	MO6.4-279	285	11 1/4	156	44	ACO-61101K	ACO-61101L	FG-O-611
	MO6.4-362	368	14 1/2	212	56	ACO-61401K	ACO-61401L	FG-O-614
	MO6.4-559	565	22 1/4	333	88	ACO-62201K	ACO-62201L	FG-O-622
	MO6.4-727	733	28 7/8	433	114	ACO-62801K	ACO-62801L	FG-O-628
	MO6.4-842	848	33 3/8	502	132	ACO-63301K	ACO-63301L	FG-O-633
	MO6.4-965	971	38 1/4	575	152	ACO-63801K	ACO-63801L	FG-O-638
	MO6.4-1093	1099	43 1/4	652	173	ACO-64401K	ACO-64401L	FG-O-644
	MO6.4-1422	1428	56 1/4	847	224	ACO-65601K	ACO-65601L	FG-O-656
Screw base type 7	MO6.7-362	351	14 13/16	212	56	ACO-61401KTB	ACO-61401LTB	FG-O-614SB
	MO6.7-559	565	22 1/4	333	88	ACO-62201KTB	ACO-62201LTB	FG-O-622SB
	MO6.7-727	705	27 3/4	433	114	ACO-62801KTB	ACO-62801LTB	FG-O-628SB
	MO6.7-842	834	32 7/8	502	132	ACO-63301KTB	ACO-63301LTB	FG-O-633SB
	MO6.7-965	965	38	575	152	ACO-63801KTB	ACO-63801LTB	FG-O-638SB
	MO6.7-1093	1114	43 7/8	652	173	ACO-64401KTB	ACO-64401LTB	FG-O-644SB
	MO6.7-1422	1418	55 7/8	842	224	ACO-65601KTB	ACO-65601LTB	FG-O-656SB

### Torques



ft/lbs	inch/lbs	kg/m	Nm
17	200	2,30	22
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