A Headline Filters Partner

"A leading worldwide supplier of high efficiency filters for a variety of industries and applications."

NYLON FILTER HOUSINGS

Nylon housings are an economical choice for sample systems as well as low pressure compressed air. A wide variety of filter elements are available to meet the most demanding applications. Each housing is available with 3 drain options; 1/8" NPT, Manual Twist Drain or No Drain. For liquid filtration we recommend using a version with no drain.

Features:

- Filter Gases And Liquids
- Complete Nylon Construction
- Low Cost, Corrosion Resistant Filter Housings
- No Metal Contact Surfaces
- Replaceable Elements For Low Running Costs
- Durable, Threaded Head To Bowl

Applications:

- HVAC Protection
- Emission / Environmental Filters
- Low Cost OEM Filters
- Point-Of-Use Instrument Air Filter

At the heart of our filter products is the filter element. Choosing the correct element insures proper results for your specific application:

Disposable Microfiber Elements

Disposable Microfiber Elements are most commonly used since they offer exceptional filtration, high flows with minimal pressure drops, and excellent chemical compatibility. These are ideal for use in sample conditioning, instrumentation, CNG, and Emission/Environmental service.

- For **Coalescing (liquid removal)** and particle collection use our grade "C". We recommend starting with the 70C which is rated at 95% efficient at 0.01 micron which provides outstanding filtration, at high flow rates.
- For **Particle removal** only use grade "K". We recommend starting with the 70K which is rated at 95% efficient at 0.01 micron which provides outstanding filtration, at high flow rates.
- For **Particulate removal** above 300°F (150°C) use grade "S".

Sintered Polyethylene (PEL)

Sintered polyethylene elements (PEL) are used only in non-corrosive applications to remove bulk contaminates. Standard micron sizes available: 10, 25, and 75.

NYLON FILTER HOUSINGS

- Point-Of-Use Liquid Filter With PEL Grade Element
- Versatile – Optimize Costs
- Variety Of Filter Media To Suit Applications

TECHNICAL INFORMATION

Housing Model with Drain	**710N**		**710NL**		**760N**		**780N**	
Housing Model w/o Drain	**705N**		**705NL**		**755N**		**775N**	
Headline Part Number with Drain	**701N**	**710N**	**721N**	**730N**	**751N**	**760N**	**771N**	**780N**
Headline Part Number w/o Drain	**700N**	**705N**	**720N**	**725N**	**750N**	**755N**	**772N**	**775N**
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/4"	1/2"	1/4"	1/2"
Drain Type (1/8" Straight Thread)	Twist		Twist		Twist		Twist	
Maximum Pressure (psig)	100		100		100		100	
Maximum Temperature (ºF)	120		120		120		120	
Internal Volume (cc)	50		60		170		310	
Weight of Housing (lbs)	0.5		0.5		0.5		0.5	
Principle Dimensions: (inches)								
Center Of Port To Head	0.39		0.39		0.61		0.61	
Head Diameter	1.73		1.73		2.60		2.60	
Overall Length Without Drain	3.78		4.41		5.75		9.76	
Overall Length With Drain	4.17		4.80		6.14		10.15	
Element Removal Clearance	1.50		2.36		3.15		7.67	
Filter Element Codes: (1)								
Disposable Element	12-32-□		12-57-□		25-64-□		25-178-□	
Stainless Steel Element	SS-12-32-□		SS-12-57-□		SS-25-64-□		SS-25-178-□	
PEL Element	PEL-12-32-□		PEL-12-57-□		PEL-25-64-□		PEL-25-178-□	
PTFE Element	PT-12-32-□		PT-12-57-□		PT-25-64-□		PT-25-178-□	
Materials Of Construction:								
Head & Internals	Nylon		Nylon		Nylon		Nylon	
Bowl	Nylon		Nylon		Nylon		Nylon	
O-Rings (Standard)	Viton		Viton		Viton		Viton	
Drain	Nylon		Nylon		Nylon		Nylon	
Accessories:								
Mounting Bracket	MBSS110		MBSS110		MBSS130		MBSS130	
Buna-N Seal Set	BN710		BN710		BN760		BN760	
EPDM Seal Set	GE710		GE710		GE760		GE760	
Kalrez Seal Set	KZ710		KZ710		KZ760		KZ760	
Silicone Seal Set	GS710		GS710		GS760		GS760	
Viton Seal Set Standard	**GV710**		**GV710**		**GV760**		**GV760**	

FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50C (2) or 70C (3)

Air Line Pressure (PSIG)	**710 Series**		**710NL Series**		**760 Series**		**780 Series**	
	50C	**70C**	**50C**	**70C**	**50C**	**70C**	**50C**	**70C**
2	1	3	2	4	3	6	6	8
15	2	6	3	7	6	11	10	13
30	3	9	4	10	8	16	15	19
60	4	14	7	17	13	26	25	32
80	5	16	9	23	18	38	35	44
100	6	23	11	27	21	44	40	50

Notes: (1) Replace '□' with grade required, e.g. 12-32-50C, PT-12-57-03
(2) Flow rates for Grade 50C rated at 99.99% against 0.01 micron
(3) Flow rates for Grade 70C rated at 95% against 0.01 micron

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