

NYLON FILTER HOUSINGS

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
- Accepts Disposable Microfiber, PEL, SS And PTFE Elements



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.

Applications:

- HVAC Protection
- Emission / Environmental Filters
- Low Cost OEM Filters



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Partner of Headline Filters

PRINCIPLE SPECIFICATIONS

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 (°F)	120		120		120		120	
Internal Volume (cc)	50		60		170		310	
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

NY700-1