

TECHNICAL

Information



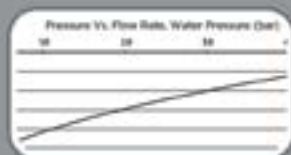
Barb Dimensions PG-110

Barb Performance PG-112



BPF Series Performance PG-113

Panel Mount Instructions PG-113



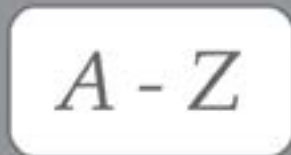
Resin Information PG-114

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CHEMICAL	%	TEMP	C	TEMP	F	BAR
Acetic Acid	25	25.0	25.0	25.0	25.0	Sealed
Acetone	100	25.0	25.0	25.0	25.0	Sealed
Acrylonitrile	100	25.0	25.0	25.0	25.0	Sealed
Acrylonitrile	100	25.0	25.0	25.0	25.0	Sealed
Alkyl	100	25.0	25.0	25.0	25.0	Sealed
Ammonia, Liquid	100	25.0	25.0	25.0	25.0	Sealed
Ammonia, Gas	100	25.0	25.0	25.0	25.0	Sealed



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TECHNICAL: Barb Dimensions

The **CLASSIC SERIES** is characterized by a longer barb that extends the sealing surface of the fitting. Tubing is expanded from 42% to 69% above its nominal ID.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
10	0.105	0.046	0.063	1/16"	1.6 mm
20	0.145	0.060	0.094	3/32"	2.4 mm
30	0.187	0.078	0.125	1/8"	3.2 mm
40	0.234	0.100	0.156	5/32"	4.0 mm
50	0.280	0.130	0.188	3/16"	4.8 mm
60	0.355	0.187	0.250	1/4"	6.4 mm

The **200 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded by 50% above its nominal ID, permitting high-pressure capabilities.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
210	0.094	0.047	0.063	1/16"	1.6 mm
220	0.141	0.070	0.094	3/32"	2.4 mm
230	0.188	0.094	0.125	1/8"	3.2 mm
240	0.234	0.117	0.156	5/32"	4.0 mm
250	0.282	0.141	0.188	3/16"	4.8 mm
260	0.375	0.188	0.250	1/4"	6.4 mm

The **300 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded by 35% above its nominal ID, permitting high-pressure capabilities in the larger tube sizes.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
360	0.338	0.192	0.250	1/4"	6.4 mm

*Variations of barb IDs may exist. Please visit www.nordsonmedical.com to learn more about these alternatives. The data presented here is for reference only. It was compiled to provide our customers with a means of comparing the characteristics of components at the time of publication. The particular conditions of your use and application of our products are beyond our control. Thus, it is imperative that you test our products in your specific application to determine their suitability. All information is provided without implied or express warranty or guarantee by Nordson MEDICAL or other manufacturers. None of the information provided constitutes a recommendation or endorsement of any kind by Nordson MEDICAL.