

TECHNICAL INFORMATION



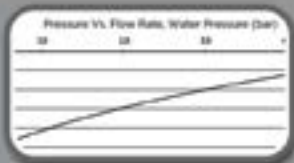
Barb Dimensions PG-79

200 SERIES			
BARB SIZE	BARB OD	%	1
210	0.094	0:	
220	0.140	0:	
230	0.188	0:	
240	0.234	0:	

Barb Performance PG-80



BPF Series Performance PG-81



Panel Mount Instructions PG-81



Resin Information PG-82

CHEMICAL	%	TEMP C	TEMP F	RES
Acetic Acid	1%	20	70	Isocel
Acetone	100%	10	50	Selador
Acrylonitrile	100%	20	70	Selador
Acrylonitrile	100%	20	70	---
Air	100%	10	50	Isocel
Ammonia, Liquid	100%	20	70	Selador
Ammonia, Gaseous	100%	10	50	Selador

Trademarks PG-85



Index PG-86



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.



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.



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.



The **400 Series** provides easy assembly while maintaining excellent pressure and tensile capabilities. Originally created for semi-rigid tubing, this series is preferred for applications where tensile/pressure properties are not highly critical, or when ease of assembly is desired. The 400 Series expands the tubing 25% above its nominal ID.



The **500 SERIES** profile is composed of blended radii, giving it the distinct look. Each barb is designed to accommodate a range of tube sizes and tube types. Consideration should be given to flow restriction, pressure capability, and the force required for assembly of the tube.



The **600 SERIES** barbs are designed for use with silicone, C-Flex[®] and PVC tubing sizes commonly used in biopharm and other applications. Tubing is expanded from 18% to 34% above its nominal ID to maintain a low profile and ease of assembly, and the straight barb stem facilitates use of recommended cable tie retainers or hose clamps.



The **700 SERIES** barb is designed for use with Value Plastics' XQ Series quick connect fittings. This unique single barb is available in sizes to fit the 1/4" (6.4 mm), 5/16" (7.9 mm) and 3/8" (9.5 mm) ID tubing sizes and materials commonly used in disposable and reusable medical equipment. Reinforced PVC, unreinforced PVC and polyurethane tubing materials work well with this barb style.



The **900 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded from 8% to 17% above its nominal ID. This barb provides high flow efficiency and excellent tensile strength. A hose clamp is recommended for this series.