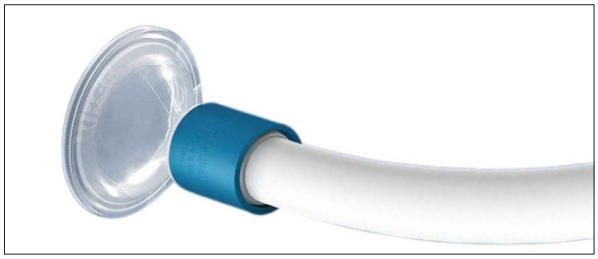
Adapter, coupling and hose accessory systems for pharmaceuticals and biotechnology (3)

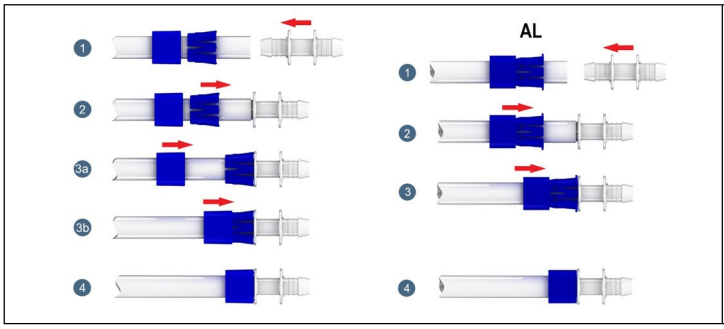


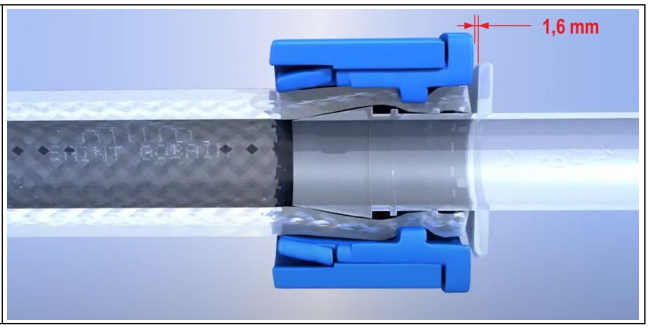
BarbLock®

Mounting holders for biopharmaceutical hoses

Material: polypropylene (PP) or PVDF
Shore (A) hardness: 85 (PP) / 78 (PVDF) **Operating temperature:** up to +93°C (PP) / +135°C (PVDF) **Operating pressure:** 17 bar (20°C) / 7 bar (93°C) (with appropriate choice of hose and fittings)

BarbLock® hose clamps are designed for tight and reliable installation of flexible hose ends. Unlike the variety of clamps and clamps often used, BarbLock hose clamps® provide full-circle (360°) clamping of the hose to the end, ensuring **a completely leak-proof connection**. They can be used for low-pressure plastic and elastomeric, non-reinforced and braid-reinforced hoses of various wall thicknesses. Fitted hose ends, made of plastic, should have the correct shape, length and notches of "tail" to the hose and a thrust collar to allow correct fitting of the holder. It is possible to fit many types of end fittings used in laboratory, biopharmaceutical and medical technology. With the optimised shape of the tip 'tail' (as in Pure-Fit tips SIB®®), **a smooth, stepless transition** between the inner surface of the hose and the inside of the tip tail is also ensured (*Smooth Inner Bore*). This eliminates disturbances and dead spaces - areas of stagnant flow that can harbour bacteria. BarbLock holders® are made of high quality and purity plastic: polypropylene (PP) or polyvinylidene fluoride - (PVDF) meeting USP <88> Class VI and/or USP <87> hygiene requirements and ISO 10993-5, free of BPA (Bisphenol A) and substances of animal origin. BarbLock holders® should be matched to the inside diameter and outside diameter of the hose. Separate tools (manual or pneumatic) are available for fitting the various holder sizes - contact Tubes International.





drawing	index (polypropylene)	index (PVDF)	Hose inside diameter (ID)		Hose outside diameter (OD)		packaging [pcs.].
			[mm].	[inch].	[mm].	[inch].	
	VE-BL135-040-AL*	VE-BL135-040-AL-PVDF*	1,6	0,062 (1/16")	4,0	0,156 (5/32")	250
	VE-BL135-045-AL	VE-BL135-045-AL-PVDF			4,0	0,156 (5/32")	
	VE-BL135-062-AL	VE-BL135-062-AL-PVDF			4,8	0,187 (3/16")	
	VE-BL135-093-AL	VE-BL135-093-AL-PVDF	2,4	0,093 (3/32")	5,6	0,218 (7/32")	
	VE-BL135-110-AL*	VE-BL135-110-AL-PVDF*	3,2	0,125 (1/8")	6,4	0,250 (1/4")	
	VE-BL135-125	VE-BL135-125-PVDF			6,4	0,250 (1/4")	
	VE-BL135-125-AL	VE-BL135-125-AL-PVDF			6,4	0,250 (1/4")	
	VE-BL135-186-AL***	VE-BL135-186-AL-PVDF***			6,4	0,250 (1/4")	
	VE-BL135-187	VE-BL135-187-PVDF	4,8	0,187 (3/16")	7,9	0,312 (5/16")	
	VE-BL135-187-AL	VE-BL135-187-AL-PVDF			7,9	0,312 (5/16")	
	VE-BL135-250	VE-BL135-250-PVDF	6,4	0,250 (1/4")	9,5	0,375 (3/8")	
	VE-BL135-250-AL	VE-BL135-250-AL-PVDF			9,5	0,375 (3/8")	
	VE-BL135-254-AL-LRR**	VE-BL135-254-AL-LRR-PVDF**			9,5	0,375 (3/8")	
	VE-BL135-251	VE-BL135-251-PVDF			11,1	0,437 (7/16")	
	VE-BL135-251-AL	VE-BL135-251-AL-PVDF			11,1	0,437 (7/16")	
	VE-BL135-252	VE-BL135-252-PVDF			12,7	0,500 (1/2")	
	VE-BL135-252-AL	VE-BL135-252-AL-PVDF			12,7	0,500 (1/2")	
	VE-BL135-373-AL	VE-BL135-373-AL-PVDF	9,5	0,375 (3/8")	12,7	0,500 (1/2")	
	VE-BL135-374	VE-BL135-374-PVDF			14,3	0,562 (9/16")	
	VE-BL135-375	VE-BL135-375-PVDF			15,9	0,625 (5/8")	
	VE-BL135-375-AL	VE-BL135-375-AL-PVDF			15,9	0,625 (5/8")	
	VE-BL135-377-AL-LRR**	VE-BL135-377-AL-LRR-PVDF**			15,9	0,625 (5/8")	
	VE-BL135-376	VE-BL135-376-PVDF			17,5	0,687 (11/16")	
	VE-BL135-500	VE-BL135-500-PVDF	12,7	0,500 (1/2")	19,1	0,750 (3/4")	
	VE-BL135-500-AL	VE-BL135-500-AL-PVDF			19,1	0,750 (3/4")	
	VE-BL135-506-AL-LRR**	VE-BL135-506-AL-LRR-PVDF**			19,1	0,750 (3/4")	
	VE-BL135-501	VE-BL135-501-PVDF			20,3	0,800	
	VE-BL135-501-AL	VE-BL135-501-AL-PVDF			20,3	0,800	
	VE-BL135-624-AL	VE-BL135-624-AL-PVDF	15,9	0,625 (5/8")	21,0	0,825	25
	VE-BL135-625-AL	VE-BL135-625-AL-PVDF			22,2	0,875 (7/8")	
	VE-BL135-750-AL	VE-BL135-750-AL-PVDF	19,1	0,750 (3/4")	28,6 ÷ 31,8	1,125 ÷ 1,250	
	VE-BL135-751-AL	VE-BL135-751-AL-PVDF			28,6	1,125	
	VE-BL135-752-AL	VE-BL135-752-AL-PVDF			27,0	1,062	
	VE-BL135-1010-AL	VE-BL135-1010-AL-PVDF	25,4	1,000 (1")	31,8 ÷ 34,9	1,250 ÷ 1,375	
	VE-BL135-1000-AL	VE-BL135-1000-AL-PVDF			34,9 ÷ 38,1	1,375 ÷ 1,500	

Notes: ...-AL lug indexes - one-piece version: integral inner and outer sleeves; * - holder for Value Plastics lug; ** - holder for CPC connector;
***- for the PureFit 125 series;