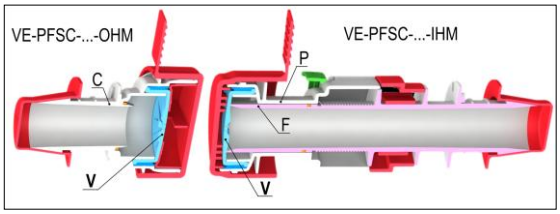
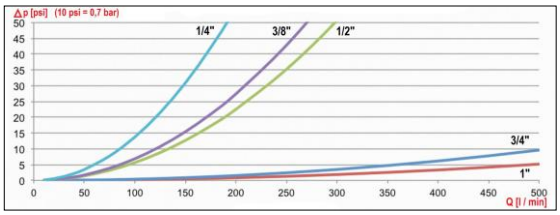
autoclave (134°C, 60 min.)

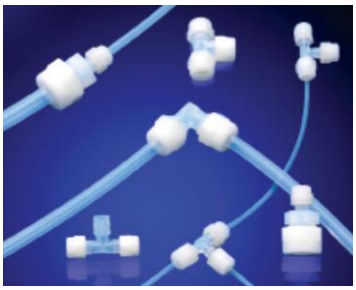
Pure-Fit couplings® SC (**Secure Connections**) enable fully sterile hose connection outside a clean environment (*cleanroom*). The couplings consist of two parts – a plug and a socket. They have hose tails made in Pure-Fit technology (® SIB® (*Smooth Inner Bore*) ensuring **a fully leak-tight connection**, while also providing **a smooth, stepless transition** between the inner surface of the hose and the interior of the tail. Mounted to the hose with Pure-Fit clamps® SIB®. Once mounted to the hoses, the socket and plug are joined in a three-stage secured sequence of operations, eliminating the possibility of operator error. The red protective caps are removed in turn, the flexible silicone valves (V) are joined face to face with no dead space, the plug (F) moves within the housing (P) entering deep into the socket (C), flexing and opening the flexible silicone valves (V), providing high undisturbed flow (see chart). The couplings are available in five hose-tail sizes from 1/4" to 1", whereby the 1/4", 3/8" and 1/2" couplings can be joined together, and the 3/4" and 1" couplings can also be joined together. The couplings are made of animal-derived-free (ADCF) materials andfree of BPA (Bisphenol A), meeting USP<88> Class VI and/or USP<87> and/or ISO 10993-5 and European Pharmacopoeia 3.1.9. Supplied in double packaging, non-sterilised. May be radiation- or autoclave-sterilised.

index	type	inner diameter hose		pressure working [bar]	length [mm]	width [mm]	packaging [pcs.]
		[inch]	[mm]				
VE-PFSC-0250-CAM	set	1/4"	6,4	2,41	145,3	40,1	25
VE-PFSC-0250-IHM	plug				107,4	37,6	25
VE-PFSC-0250-OHM	socket				50,8	40,1	25
VE-PFSC-0375-CAM	set	3/8"	9,5		153,9	40,1	25
VE-PFSC-0375-IHM	plug				113,8	40,1	25
VE-PFSC-0375-OHM	socket				53,6	40,1	25
VE-PFSC-0500-CAM	set	1/2"	12,7		156,7	41,9	25
VE-PFSC-0500-IHM	plug				115,8	41,9	25
VE-PFSC-0500-OHM	socket				54,4	40,1	25
VE-PFSC-0750-CAM	set	3/4"	19,1	1,38	186,7	64,0	25
VE-PFSC-0750-IHM	plug				147,1	50,8	25
VE-PFSC-0750-OHM	socket				74,7	52,6	25
VE-PFSC-1000-CAM	set	1"	25,4		186,7	68,3	25
VE-PFSC-1000-IHM	plug				147,1	50,8	25
VE-PFSC-1000-OHM	socket				74,7	52,6	25





Other biopharmaceutical connectors, systems and accessories (1)



PharmaFluor® PFA Compression Fittings – connectors (fittings and adaptors) with clamping rings for hoses made of fluoropolymers (FEP, PTFE, PFA) for chemically aggressive and high-purity fluids, gases and air. For hoses with an **imperial outer diameter** (1/8", 1/4", 3/8", 1/2"). Adaptors with NPT thread. Made of 100% virgin (*virgin*) PFA, clamping rings of PVDF and PTFE, nut of ETFE. For biomedical, chemical and semiconductor applications.

Sani-Tech® Sani-Pro® - connectors and pipes for building rigid piping systems, made of polypropylene or PVDF, with TRICLAMP (TRICLOVER) flanges or for seamless butt welding. Pipes, elbows, tees, crosses, reducers – can be joined together and with a stainless steel system (True Union Clamps). Sizes to ASME BPE - typically 3/4" ÷ 3". Used in biopharmaceutical processes (USP Class VI), water, water for injection (WFI), deionised water and food products (FDA).





Sani-Tech® Sani-Link® Molded Assemblies – using SIB technology® (*Smooth Inner Bore*) an innovative method of creating ready-made systems from silicone (platinum) hoses STHT®-C or STHT®-R joined by moulded silicone connectors: elbows, tees, "Y" tees, crosses. Minimises the use of hose ends, ensures smooth internal flow and no leaks. Compliant with USP<88> Class VI and/or USP<87> and/or ISO 10993-5 and EP 3.1.9.

Sani-Tech® TA Tubing Assemblies – ready-made lines with ends made of silicone (platinum) hose STHT®-C or STHT®-R with inner diameter 1/8" ÷ 1", fitted with TRICLAMP ends of polysulfone or stainless steel, with the inner and end surfaces formed from the same material (STHT - silicone – platinum) together with a gasket. Sterilisation by autoclaving (recommended), radiation or ethylene oxide.



Other biopharmaceutical connectors, systems and accessories (2)

Bio-Simplex® Connections – an innovative solution for creating biopharmaceutical systems based on the properties of a heat-weldable elastomer C-Flex® and overmolding forming technology (*overmolding*). It enables various connection types from a single biopharmaceutical material C-Flex®, stepless connections, eliminating clamps and clips. Built to the

