

**DETAILED SPECIFICATION
CENTRAL VENOUS CATHETER**

Product Code	Description
15001	SINGLE Lumen CVC Catheter 3FR /20G L-80mm
15002	SINGLE LUMEN CVC Catheter 3FR /20G L-130mm
15003	SINGLE LUMEN CVC Catheter 3FR /20G L-150mm
15004	SINGLE LUMEN CVC Catheter 3FR /20G L-160mm
15005	SINGLE LUMEN CVC Catheter 3FR /20G L-200mm
15006	SINGLE LUMEN CVC Catheter 4FR /18G L-130mm
15007	SINGLE LUMEN CVC Catheter 4FR /18G L-150mm
15008	SINGLE LUMEN CVC Catheter 4FR /18G L-160mm
15009	SINGLE LUMEN CVC Catheter 4FR /18G L-200mm
15010	SINGLE LUMEN CVC Catheter 5FR /16G L-160mm
15011	SINGLE LUMEN CVC Catheter 5FR /16G L-200mm
15012	SINGLE LUMEN CVC Catheter 5FR /16G L-300mm
15013	SINGLE LUMEN CVC Catheter 6FR /14G L-160mm
15014	SINGLE LUMEN CVC Catheter 6FR /14G L-200mm
15015	SINGLE LUMEN CVC Catheter 6FR /14G L-300mm
15016	SINGLE LUMEN CVC Catheter 7FR /12G L-160mm
15017	SINGLE LUMEN CVC Catheter 7FR /12G L-200mm
15018	SINGLE LUMEN CVC Catheter 7FR /12G L-300mm
15019	SINGLE LUMEN CVC Catheter 8FR /12G L-200mm
15020	SINGLE LUMEN CVC Catheter 9FR /11G L-200mm
15021	SINGLE LUMEN CVC Catheter 4FR /18G L-120mm
15022	SINGLE LUMEN CVC Catheter 3FR /20G L-60mm
15023	SINGLE Lumen CVC Catheter 3FR /20G L-100mm
15024	SINGLE LUMEN CVC Catheter 4FR /18G L-60mm
15025	SINGLE LUMEN CVC Catheter 4FR /18G L-80mm
15031	SINGLE LUMEN CVC Catheter 3FR /20G L-130mm with Lipid resistant 3 way stop cock
15032	SINGLE LUMEN CVC Catheter 3FR /20G L-150mm with Lipid resistant 3 way stop cock
15033	SINGLE LUMEN CVC Catheter 3FR /20G L-200mm with Lipid resistant 3 way stop cock
15034	SINGLE LUMEN CVC Catheter 4FR /18G L-130mm with Lipid resistant 3 way stop cock
15035	SINGLE LUMEN CVC Catheter 4FR /18G L-150mm with Lipid resistant 3 way stop cock
15036	SINGLE LUMEN CVC Catheter 4FR /18G L-200mm with Lipid resistant 3 way stop cock
15037	SINGLE LUMEN CVC Catheter 5FR /16G L-160mm with Lipid resistant 3 way stop cock
15038	SINGLE LUMEN CVC Catheter 5FR /16G L-200mm with Lipid resistant 3 way stop cock
15039	SINGLE LUMEN CVC Catheter 5FR /16G L-300mm with Lipid resistant 3 way stop cock
15040	SINGLE LUMEN CVC Catheter 6FR /14G L-160mm with Lipid resistant 3 way stop cock
15041	SINGLE LUMEN CVC Catheter 6FR /14G L-200mm with Lipid resistant 3 way stop cock
15042	SINGLE LUMEN CVC Catheter 6FR /14G L-300mm with Lipid resistant 3 way stop cock

Product Code	Description
15043	SINGLE LUMEN CVC Catheter 7FR /12G L-200mm with Lipid resistant 3 way stop cock
15044	SINGLE LUMEN CVC Catheter 8FR /12G L-200mm with Lipid resistant 3 way stop cock
15045	SINGLE LUMEN CVC Catheter 3FR /20G L-80mm with Lipid resistant 3 way stop cock
15046	SINGLE LUMEN CVC Catheter 3FR /20G L-160mm with Lipid resistant 3 way stop cock
15047	SINGLE LUMEN CVC Catheter 4FR /18G L-160mm with Lipid resistant 3 way stop cock
15048	SINGLE LUMEN CVC Catheter 5FR /16G L-180mm with Lipid resistant 3 way stop cock
15049	SINGLE LUMEN CVC Catheter 6FR /14G L-180mm with Lipid resistant 3 way stop cock
15350	SINGLE LUMEN CVC Catheter 9FR /11G L-200mm with Lipid resistant 3 way stop cock
15050	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-130mm
15051	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-160mm
15052	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-200mm
15053	DOUBLE LUMEN CVC Catheter 5FR /18G(P)-20G(D), L-130mm
15054	DOUBLE LUMEN CVC Catheter 5FR /18G(P)-20G(D), L-200mm
15055	DOUBLE LUMEN CVC Catheter 7FR /16G(P)-16G(D), L-160mm
15056	DOUBLE LUMEN CVC Catheter 7FR /16G(P)-16G(D), L-200mm
15057	DOUBLE LUMEN CVC Catheter 7FR /16G(P)-16G(D), L-300mm
15058	DOUBLE LUMEN CVC Catheter 7FR /14G(P)-18G(D), L-160mm
15059	DOUBLE LUMEN CVC Catheter 7FR /14G(P)-18G(D), L-200mm
15060	DOUBLE LUMEN CVC Catheter 7FR /14G(P)-18G(D), L-300mm
15061	DOUBLE LUMEN CVC Catheter 8FR/14G(P)-14G(D), L-160mm
15062	DOUBLE LUMEN CVC Catheter 8FR /14G(P)-14G(D), L-200mm
15063	DOUBLE LUMEN CVC Catheter 8FR /14G(P)-14G(D), L-300mm
15064	DOUBLE LUMEN CVC Catheter 5FR /18G(P)-20G(D), L-160mm
15065	DOUBLE LUMEN CVC Catheter 7FR /18G(P)-14G(D), L-160mm
15066	DOUBLE LUMEN CVC Catheter 7FR /18G(P)-14G(D), L-200mm
15067	DOUBLE LUMEN CVC Catheter 7FR /18G(P)-14G(D), L-300mm
15068	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-80mm
15069	DOUBLE LUMEN CVC Catheter 5FR /18G(P)-20G(D), L-80mm
15071	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-60mm
15085	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-130mm with Lipid resistant 3 way stopcock
15086	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-160mm with Lipid resistant 3 way stopcock
15087	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-200mm with Lipid resistant 3 way stopcock
15088	DOUBLE LUMEN CVC Catheter 7FR /16G(P)-16G(D), L-160mm with Lipid resistant 3 way stopcock
15089	DOUBLE LUMEN CVC Catheter 7FR /16G(P)-16G(D), L-200mm with Lipid resistant 3 way stopcock
15090	DOUBLE LUMEN CVC Catheter 7FR /16G(P)-16G(D), L-300mm with Lipid resistant 3 way stopcock
15091	DOUBLE LUMEN CVC Catheter 7FR /14G(P)-18G(D), L-160mm with Lipid resistant 3 way stopcock

Product Code	Description
15092	DOUBLE LUMEN CVC Catheter 7FR /14G(P)-18G(D), L-200mm with Lipid resistant 3 way stop cock
15093	DOUBLE LUMEN CVC Catheter 7FR /14G(P)-18G(D), L-300mm with Lipid resistant 3 way stop cock
15094	DOUBLE LUMEN CVC Catheter 8FR /14G(P)-14G(D), L-200mm with Lipid resistant 3 way stop cock
15095	DOUBLE LUMEN CVC Catheter 5FR /20G(P)-18G(D), L-130mm with Lipid resistant 3 way stop cock
15096	DOUBLE LUMEN CVC Catheter 5FR /20G(P)-18G(D), L-200mm with Lipid resistant 3 way stop cock
15097	DOUBLE LUMEN CVC Catheter 4FR /22G(P)-22G(D), L-80mm with Lipid resistant 3 way stopcock
15098	DOUBLE LUMEN CVC Catheter 5FR /20G(P)-18G(D), L-80mm with Lipid resistant 3 way stopcock
15099	DOUBLE LUMEN CVC Catheter 5FR /20G(P)-18G(D), L-160mm with Lipid resistant 3 way stopcock
15361	DOUBLE LUMEN CVC Catheter 7FR /16G(P)-16G(D), L-180mm with Lipid resistant 3 way stopcock
15362	DOUBLE LUMEN CVC Catheter 7FR /14G(D)-18G(P), L-200mm with Lipid resistant 3 way stopcock
15363	DOUBLE LUMEN CVC Catheter 8FR /14G(P)-14G(D), L-300mm with Lipid resistant 3 way stopcock
15100	TRIPLE LUMEN CVC Catheter 5.5 FR/22G(P)/20G(D)/22G(M), L-80mm
15101	TRIPLE LUMEN CVC Catheter 5.5 FR/22G(P)/20G(D)/22G(M), L-160mm
15102	TRIPLE LUMEN CVC Catheter 5.5 FR/22G(P)/20G(D)/22G(M), L-200mm
15103	TRIPLE LUMEN CVC Catheter 7FR/18G(P)/16G(D)/18G(M), L-160mm
15104	TRIPLE LUMEN CVC Catheter 7FR/18G(P)/16G(D)/18G(M), L-200mm
15105	TRIPLE LUMEN CVC Catheter 7FR/18G(P)/16G(D)/18G(M), L-300mm
15106	TRIPLE LUMEN CVC Catheter 4.5Fr/ 22G (P)/20G (D)/22G (M), L-60mm
15107	TRIPLE LUMEN CVC Catheter 12Fr/ 12G (P)/16G (D)/12G (M), L-150mm
15108	TRIPLE LUMEN CVC Catheter 5Fr/ 20G (P)/22G (D)/22G (M), L-80mm
15109	TRIPLE LUMEN CVC Catheter 5Fr/ 20G (P)/22G (D)/22G (M), L-130mm
15110	TRIPLE LUMEN CVC Catheter 5Fr/ 20G (P)/22G (D)/22G (M), L-150mm
15111	TRIPLE LUMEN CVC Catheter 5Fr/ 20G (P)/22G (D)/22G (M), L-160mm
15112	TRIPLE LUMEN CVC Catheter 5Fr/ 20G (P)/22G (D)/22G (M), L-200mm
15113	TRIPLE LUMEN CVC Catheter 7FR/18G(P)/16G(D)/18G(M), L-150mm
15114	TRIPLE LUMEN CVC Catheter 5.5 FR/22G(P)/20G(D)/22G(M), L-130mm .
15115	TRIPLE LUMEN CVC Catheter 4.5Fr/ 23G (P)/20G (D)/23G (M), L-80mm
15116	TRIPLE LUMEN CVC Catheter 4.5Fr/ 23G (P)/20G (D)/23G (M), L-130mm
15117	TRIPLE LUMEN CVC Catheter 4.5Fr/ 23G (P)/20G (D)/23G (M), L-160mm
15150	TRIPLE LUMEN CVC Catheter 5.5 FR/22G(P)/20G(D)/22G(M), L-80mm with Lipid resistant 3way stop cock
15151	TRIPLE LUMEN CVC Catheter 5.5 FR/22G(P)/20G(D)/22G(M), L-160mm with Lipid resistant 3way stop cock
15152	TRIPLE LUMEN CVC Catheter 5.5 FR/22G(P)/20G(D)/22G(M), L-200mm with Lipid resistant 3

Product Code	Description
	way stop cock
15153	TRIPLE LUMEN CVC Catheter 7FR/18G(P)/16G(D)/18G(M), L-160mm with Lipid resistant 3 waystop cock
15154	TRIPLE LUMEN CVC Catheter 7FR/18G(P)/16G(D)/18G(M), L-200mm with Lipid resistant 3 waystop cock
15155	TRIPLE LUMEN CVC Catheter 7FR/18G(P)/16G(D)/18G(M), L-300mm with Lipid resistant 3 waystop cock
15156	TRIPLE LUMEN CVC Catheter 4.5 FR/23G(P)/20G(D)/23G(M), L-60mm with Lipid resistant 3way stop cock
15157	TRIPLE LUMEN CVC Catheter 4.5 FR/23G(P)/20G(D)/23G(M), L-80mm with Lipid resistant 3way stop cock
15158	TRIPLE LUMEN CVC Catheter 4.5 FR/23G(P)/20G(D)/23G(M), L-130mm with Lipid resistant 3way stop cock
15159	TRIPLE LUMEN CVC Catheter 5FR/22G(P)/20G(D)/22G(M), L-80mm with Lipid resistant 3 waystop cock
15160	TRIPLE LUMEN CVC Catheter 5FR/22G(P)/20G(D)/22G(M), L-130mm with Lipid resistant 3 waystop cock
15161	TRIPLE LUMEN CVC Catheter 5FR/22G(P)/20G(D)/22G(M), L-160mm with Lipid resistant 3 waystop cock
15162	TRIPLE LUMEN CVC Catheter 5.5FR/22G(P)/20G(D)/22G(M), L-130mm with Lipid resistant 3way stop cock
15163	TRIPLE LUMEN CVC Catheter 7FR/18G(P)/16G(D)/18G(M), L-150mm with Lipid resistant 3 waystop cock
15500	SINGLE Lumen CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,3FR /20G L-80mm
15501	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,3FR /20G L-130mm
15502	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,3FR /20G L-150mm
15503	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,3FR /20G L-160mm
15504	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,3FR /20G L-200mm
15505	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /18G L-130mm
15506	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /18G L-150mm
15507	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /18G L-160mm
15508	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /18G L-200mm
15509	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5FR /16G L-160mm
15510	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5FR /16G L-200mm
15511	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5FR /16G L-300mm
15512	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,6FR /14G L-160mm
15513	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,6FR /14G L-200mm
15514	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,6FR /14G L-300mm

Product Code	Description
15515	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /12G L-160mm
15516	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /12G L-200mm
15517	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /12G L-300mm
15518	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,3FR /20G L-60mm
15519	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,3FR /20G L-100mm
15520	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /18G L-60mm
15521	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /18G L-80mm
15522	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,8FR /12G L-200mm
15523	SINGLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,9FR /11G L-200mm
15530	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /22G(P)-22G(D), L-130mm
15531	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /22G(P)-22G(D), L-160mm
15532	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /22G(P)-22G(D), L-200mm
15533	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5FR /18G(P)-20G(D), L-130mm
15534	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5FR /18G(P)-20G(D), L-200mm
15535	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /16G(P)-16G(D), L-160mm
15536	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /16G(P)-16G(D), L-200mm
15537	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /16G(P)-16G(D), L-300mm
15538	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /14G(P)-18G(D), L-160mm
15539	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /14G(P)-18G(D), L-200mm
15540	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR /14G(P)-18G(D), L-300mm
15541	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,8FR/14G(P)-14G(D), L-160mm

Product Code	Description
15542	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,8FR /14G(P)-14G(D), L-200mm
15543	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,8FR /14G(P)-14G(D), L-300mm
15544	DOUBLE LUMEN CVC Catheter , kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock ,7FR /18G(P)-14G(D), L-160mm
15545	DOUBLE LUMEN CVC Catheter , kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock7FR /18G(P)-14G(D), L-200mm
15546	DOUBLE LUMEN CVC Catheter , kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock7FR /18G(P)-14G(D), L-300mm
15547	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /22G(P)-22G(D), L-60mm
15548	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4FR /22G(P)-22G(D), L-80mm
15549	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5FR /18G(P)-20G(D), L-160mm
15550	DOUBLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5FR /20G(P)-18G(D), L-80mm
15560	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5.5 FR/22G(P)/20G(D)/ 22G(M), L-80mm
15561	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5.5 FR/22G(P)/ 20G(D) / 22G(M), L-160mm
15562	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5.5 FR/22G(P)/ 20G(D) / 22G(M), L-200mm
15563	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR/18G(P)/ 16G(D) /18G(M), L-160mm
15564	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR/18G(P)/ 16G(D) /18G(M), L-200mm
15565	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR/18G(P)/ 16G(D) /18G(M), L-300mm
15566	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4.5Fr/ 22G (P)/20G (D)/22G (M), L-60mm
15567	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,12Fr/ 12G (P)/16G (D)/12G (M), L-150mm
15568	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5 FR/22G(P)/20G(D)/ 22G(M), L-160mm
15569	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5 FR/22G(P)/ 20G(D) / 22G(M), L-200mm

Product Code	Description
15570	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4.5Fr/ 22G (P)/20G (D)/22G (M), L-80mm
15571	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4.5Fr/ 22G (P)/20G (D)/22G (M), L-130mm
15572	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,4.5Fr/ 22G (P)/20G (D)/22G (M), L-160mm
15573	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR/18G(P)/ 16G(D) /18G(M), L-130mm
15574	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5 FR/22G(P)/ 20G(D) / 22G(M), L-80mm
15575	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5 FR/22G(P)/ 20G(D) / 22G(M), L-130mm
15576	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5 FR/22G(P)/ 20G(D) / 22G(M), L-150mm
15577	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,5.5 FR/22G(P)/20G(D)/ 22G(M), L-130mm
15578	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR/18G(P)/ 16G(D) /18G(M), L-150mm
15579	TRIPLE LUMEN CVC Catheter, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,7FR/16G(P)/ 18G(D) /18G(M), L-130mm
15601	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock,8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-13cm
15602	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-16cm
15603	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-20cm
15604	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-30cm
15605	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock,8.5 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-13cm
15606	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 8.5 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-16cm
15607	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 8.5 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-20cm
15608	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock,8.5 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-30cm
15609	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 9 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-13cm
15610	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 9 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-16cm
15611	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 9 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-20cm

Product Code	Description
15612	QUADRUPLE LUMEN CVC Catheter kink resistant guide wire (NiTi), Lipid resistant 3 way stopcock, 9 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-30cm
17000	SINGLE Lumen CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 3FR /20G L-80mm
17001	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 3FR /20G L-130mm
17002	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 3FR /20G L-150mm
17003	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 3FR /20G L-160mm
17004	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 3FR /20G L-200mm
17005	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /18G L-130mm
17006	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /18G L-150mm
17007	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /18G L-160mm
17008	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /18G L-200mm
17009	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 5FR /16G L-160mm
17010	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 5FR /16G L-200mm
17011	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 5FR /16G L-300mm
17012	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 6FR /14G L-160mm
17013	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 6FR /14G L-200mm
17014	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 6FR /14G L-300mm
17015	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /12G L-160mm
17016	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /12G L-200mm
17017	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /12G L-300mm
17018	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 3FR /20G L-60mm
17019	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 3FR /20G L-100mm
17020	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /18G L-60mm
17021	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /18G L-80mm

Product Code	Description
17022	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 8FR /12G L-200mm
17023	SINGLE LUMEN CVC Catheter with one clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 9FR /11G L-200mm
17030	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /22G(P)-22G(D), L-130mm
17031	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /22G(P)-22G(D), L-160mm
17032	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /22G(P)-22G(D), L-200mm
17033	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 5FR /18G(P)-20G(D), L-130mm
17034	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 5FR /18G(P)-20G(D), L-200mm
17035	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /16G(P)-16G(D), L-160mm
17036	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /16G(P)-16G(D), L-200mm
17037	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /16G(P)-16G(D), L-300mm
17038	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /14G(P)-18G(D), L-160mm
17039	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /14G(P)-18G(D), L-200mm
17040	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR /14G(P)-18G(D), L-300mm
17041	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 8FR/14G(P)-14G(D), L-160mm
17042	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 8FR /14G(P)-14G(D), L-200mm
17043	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 8FR /14G(P)-14G(D), L-300mm
17044	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock ,7FR /18G(P)-14G(D), L-160mm
17045	DOUBLE LUMEN CVC Catheter with Two clave connector , kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock 7FR /18G(P)-14G(D), L-200mm
17046	DOUBLE LUMEN CVC Catheter with Two clave connector , kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock 7FR /18G(P)-14G(D), L-300mm
17047	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /22G(P)-22G(D), L-60mm
17048	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 4FR /22G(P)-22G(D), L-80mm
17049	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 5FR /18G(P)-20G(D), L-160mm
17050	DOUBLE LUMEN CVC Catheter with Two clave connector, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 5FR /20G(P)-18G(D), L-80mm

Product Code	Description
17055	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5.5 FR/22G(P)/20G(D)/ 22G(M), L-80mm
17056	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5.5 FR/22G(P)/ 20G(D) / 22G(M), L-160mm
17057	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5.5 FR/22G(P)/ 20G(D) / 22G(M), L-200mm
17058	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-160mm
17059	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-200mm
17060	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-300mm
17061	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4.5Fr/ 22G (P)/20G (D)/22G (M), L-60mm
17062	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 12Fr/ 12G (P)/16G (D)/12G (M), L-150mm
17063	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/20G(D)/ 22G(M), L-160mm
17064	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/ 20G(D) / 22G(M), L-200mm
17065	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4.5Fr/ 22G (P)/20G (D)/22G (M), L-80mm
17066	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4.5Fr/ 22G (P)/20G (D)/22G (M), L-130mm
17067	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4.5Fr/ 22G (P)/20G (D)/22G (M), L-160mm
17068	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-130mm
17069	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/ 20G(D) / 22G(M), L-80mm
17070	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/ 20G(D) / 22G(M), L-130mm
17071	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/ 20G(D) / 22G(M), L-150mm
17072	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5.5 FR/22G(P)/20G(D)/ 22G(M), L-130mm
17073	TRIPLE LUMEN CVC Catheter with Three clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-150mm
17260	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock,8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-13cm
17261	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-16cm
17262	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-20cm
17263	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-30cm

Product Code	Description
17264	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8.5 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-13cm
17265	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8.5 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-16cm
17266	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8.5 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-20cm
17267	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8.5 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-30cm
17268	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 9 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-13cm
17269	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 9 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-16cm
17270	QUADRUPLE LUMEN CVC Catheter with Four clave connector, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 9 FR/14G(P)/16G(D)/18G(M1)/18G(M2), L-20cm
17271	QUADRUPLE LUMEN CVC Catheter 8FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-160mm with Lipid resistant 3 way stop cock (standard guidewire)
17272	QUADRUPLE LUMEN CVC Catheter 8FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-200mm with Lipid resistant 3 way stop cock (standard guidewire)
18000	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 3FR /20G L-150mm
18001	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 3FR /20G L-160mm
18002	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 3FR /20G L-200mm
18003	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /18G L-150mm
18004	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /18G L-160mm
18005	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /18G L-200mm
18006	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /16G L-160mm
18007	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /16G L-200mm
18008	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /16G L-300mm
18009	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 6FR /14G L-160mm
18010	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 6FR /14G L-200mm
18011	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 6FR /14G L-300mm
18012	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /12G L-160mm
18013	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /12G L-200mm

Product Code	Description
18014	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8FR /12G L-200mm
18015	SINGLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 9FR /11G L-200mm
18020	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /22G(P)-22G(D), L-160mm
18021	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /22G(P)-22G(D), L-200mm
18022	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /18G(P)-20G(D), L-200mm
18023	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /18G(P)-20G(D), L-200mm
18024	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /16G(P)-16G(D), L-160mm
18025	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /16G(P)-16G(D), L-200mm
18026	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /16G(P)-16G(D), L-300mm
18027	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /14G(P)-18G(D), L-160mm
18028	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /14G(P)-18G(D), L-200mm
18029	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /14G(P)-18G(D), L-300mm
18030	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8FR/14G(P)-14G(D), L-160mm
18031	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8FR /14G(P)-14G(D), L-300mm
18032	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /18G(P)-14G(D), L-160mm
18033	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock 7FR /18G(P)-14G(D), L-200mm
18034	DOUBLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /18G(P)-20G(D), L-160mm
18040	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5.5 FR/22G(P)/ 20G(D) / 22G(M), L-160mm
18041	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5.5 FR/22G(P)/ 20G(D) / 22G(M), L-200mm
18042	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-160mm
18043	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-200mm
18044	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-300mm
18045	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/20G(D)/ 22G(M), L-160mm

Product Code	Description
18046	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/ 20G(D) / 22G(M), L-200mm
18047	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 5 FR/22G(P)/ 20G(D) / 22G(M), L-150mm
18048	TRIPLE LUMEN CVC Catheter, with guiding syringes, kink resistant guide wire (NiTi), Lipidresistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-150mm
18050	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 3FR /20G L-150mm
18051	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 3FR /20G L-160mm
18052	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /18G L-130mm
18053	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /18G L-150mm
18054	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /18G L-160mm
18055	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /18G L-200mm
18056	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /16G L-160mm
18057	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /16G L-200mm
18058	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5FR /16G L-300mm
18059	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 6FR /14G L-160mm
18060	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 6FR /14G L-200mm
18061	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 6FR /14G L-300mm
18062	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /12G L-160mm
18063	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /18G L-80mm
18064	SINGLE LUMEN CVC Catheter with one clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8FR /12G L-200mm
18070	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /22G(P)-22G(D), L-160mm
18071	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 4FR /22G(P)-22G(D), L-200mm
18072	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /16G(P)-16G(D), L-160mm
18073	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /16G(P)-16G(D), L-200mm
18074	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /16G(P)-16G(D), L-300mm

Product Code	Description
18075	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /14G(P)-18G(D), L-160mm
18076	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /14G(P)-18G(D), L-200mm
18077	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /14G(P)-18G(D), L-300mm
18078	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8FR/14G(P)-14G(D), L-160mm
18079	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8FR /14G(P)-14G(D), L-300mm
18080	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR /18G(P)-14G(D), L-160mm
18081	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock 7FR /18G(P)-14G(D), L-200mm
18082	DOUBLE LUMEN CVC Catheter with Two clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock 7FR /18G(P)-14G(D), L-300mm
18085	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5.5 FR/22G(P)/ 20G(D) / 22G(M), L-160mm
18086	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5.5 FR/22G(P)/ 20G(D) / 22G(M), L-200mm
18087	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-160mm
18088	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-200mm
18089	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-300mm
18090	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/20G(D)/ 22G(M), L-160mm
18091	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/ 20G(D) / 22G(M), L-200mm
18092	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 5 FR/22G(P)/ 20G(D) / 22G(M), L-150mm
18093	TRIPLE LUMEN CVC Catheter with Three clave connector, with guiding syringes, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 7FR/18G(P)/ 16G(D) /18G(M), L-150mm
18100	QUADRUPLE LUMEN CVC Catheter with Four clave connector, Guiding Syringe, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-13cm
18101	QUADRUPLE LUMEN CVC Catheter with Four clave connector, Guiding Syringe, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-16cm
18102	QUADRUPLE LUMEN CVC Catheter with Four clave connector, Guiding Syringe, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-20cm
18110	QUADRUPLE LUMEN CVC Catheter, Guiding Syringe, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-13cm
18111	QUADRUPLE LUMEN CVC Catheter, Guiding Syringe, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-16cm

Product Code	Description
18112	QUADRUPLE LUMEN CVC Catheter, Guiding Syringe, kink resistant guide wire (NiTi), Lipid resistant 3 way stop cock, 8 FR/18G(P)/16G(D)/18G(M1)/18G(M2), L-20cm

FLOW RATE FOR EACH TYPE OF LUMEN

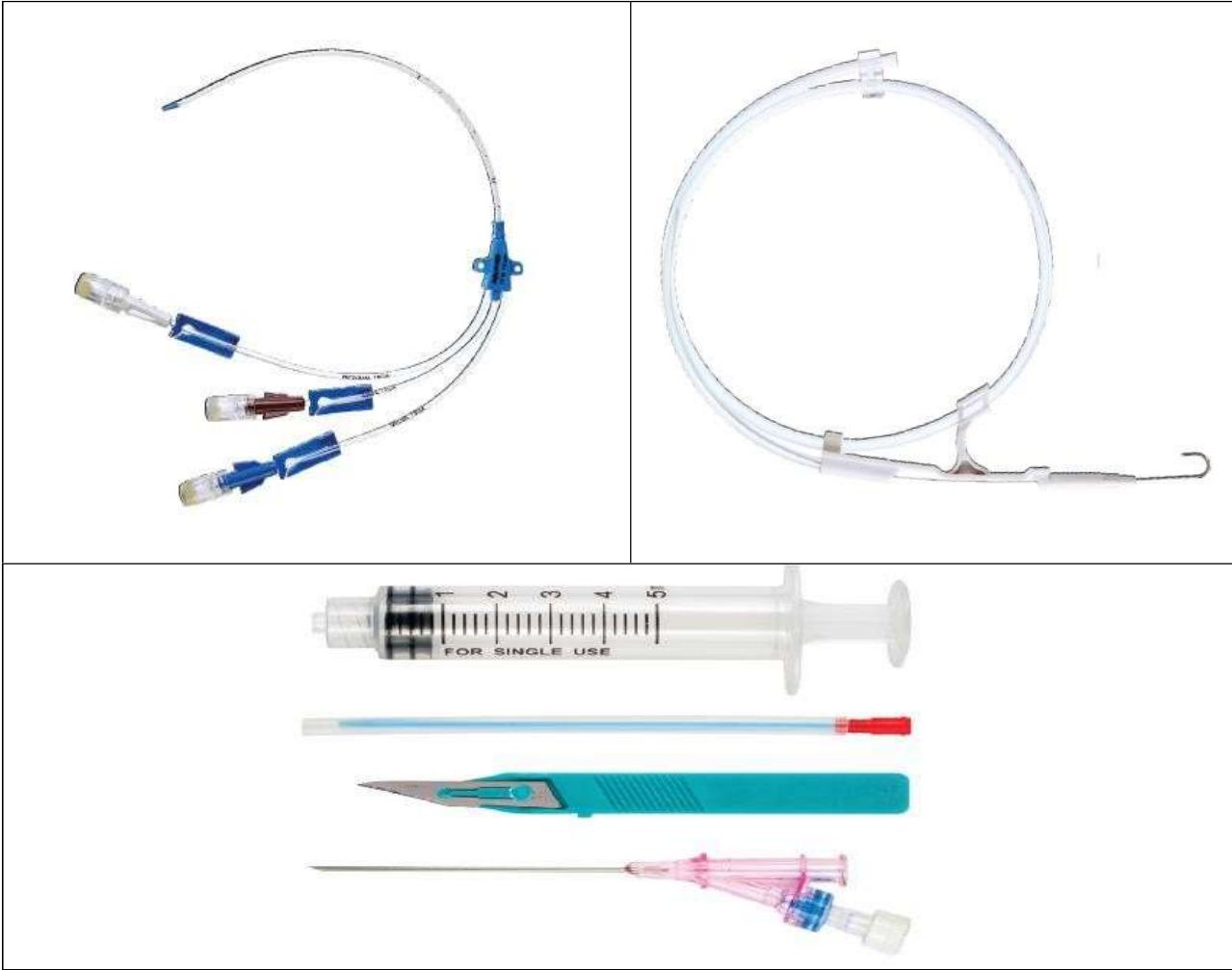
Lumen Size	Size (Fr.)	Lumen Size (GA)	Length of indwelling Catheter (cm)	Extension line type	Flow rate ml/Min.
Single Lumen	3 Fr	20	8	Distal	15
	3 Fr	20	13	Distal	12
	3 Fr	20	15	Distal	11
	3 Fr	20	16	Distal	10
	3 Fr	20	20	Distal	9
	4 Fr	18	13	Distal	24
	4 Fr	18	15	Distal	23
	4 Fr	18	16	Distal	22
	4 Fr	18	20	Distal	18
	5 Fr	16	18	Distal	62
	5 Fr	16	20	Distal	57
6 Fr	14	30	Distal	78	
Double Lumen	4 Fr	22	8	Distal	20
		22		proximal	19
	4 Fr	22	13	Distal	13
		22		proximal	11
	4 Fr	22	16	Distal	12
		22		proximal	10
	4 Fr	22	20	Distal	11
		22		proximal	9
	5 Fr	18	8	Distal	30
		20		proximal	10
	5 Fr	18	16	Distal	18
		20		Proximal	4
	5 Fr	18	20	Distal	18
		20		Proximal	5
	7 Fr	16	16	Distal	65
		16		Proximal	52
	7 Fr	16	18	Distal	62
		16		proximal	50
	7 Fr	16	20	Distal	60
		16		proximal	47
	7 Fr	16	30	Distal	53
16		proximal		42	
7 Fr	18	16	Distal	23	
	14		proximal	95	
7 Fr	18	20	Distal	22	
	14		Proximal	83	
7 Fr	18	30	Distal	15	

Lumen Size	Size (Fr.)	Lumen Size (GA)	Length of indwelling Catheter (cm)	Extension line type	Flow rate ml/Min.
	7 Fr	14	20	Proximal	63
		14		Distal	83
		18		Proximal	28
	8 Fr	14	20	Distal	95
		14		proximal	52
	8 Fr	14	30	Distal	83
14		proximal		43	
Triple Lumen	4.5 Fr	20	6	Distal	15
		23		Medial	6
		23		proximal	6
	4.5 Fr	20	8	Distal	14
		23		Medial	5
		23		proximal	5
	4.5 Fr	20	13	Distal	10
		23		Medial	5
		23		proximal	5
	5 Fr	20	8	Distal	25
		22		Medial	13
		22		proximal	13
	5 Fr	20	13	Distal	23
		22		Medial	10
		22		proximal	10
	5 Fr	20	16	Distal	22
		22		Medial	8
		22		proximal	8
	5 Fr	20	20	Distal	18
		22		Medial	7
		22		proximal	7
	5.5 Fr	20	8	Distal	25
		22		Medial	13
		22		proximal	13
	5.5Fr	20	13	Distal	23
		22		Medial	10
		22		proximal	10
	5.5Fr	20	16	Distal	22
		22		Medial	8
		22		proximal	8
	5.5 Fr	20	20	Distal	18
		22		Medial	7
		22		proximal	7
	7 Fr	16	15	Distal	65
		18		Medial	27
		18		proximal	28
7 Fr	16	16	Distal	63	

Lumen Size	Size (Fr.)	Lumen Size (GA)	Length of indwelling Catheter (cm)	Extension line type	Flow rate ml/Min.
		18		Medial	25
		18		proximal	27
	7 Fr	16	20	Distal	58
		18		Medial	22
		18		proximal	23
	7 Fr	16	30	Distal	43
		18		Medial	15
		18		proximal	15
	Quadruple Lumen	8FR	16	16	Distal
18			Medial - 1		32
18			Medial - 2		31
18			Proximal		31
8FR		16	20	Distal	57
		18		Medial - 1	28
		18		Medial - 2	29
		18		Proximal	27
		18			

Product Photographs





GENERAL INFORMATION

Intended Use:

The device Central Venous Catheters are designed for use in critical care patients for:

- Infusion therapy or parenteral nutrition,
- for administration of highly osmolar or very vein-irritating solutions,
- for continuous or intermittent monitoring of central venous pressure,
- sample venous blood and/or
- When peripheral venous puncture is not possible.

Kit Contents

- Indwelling Catheter
- Y-Introducer needle with valve
- Kink Resistant J-Tip Nitinol guide wire
- Dilator
- Luer lock syringe /Guiding Syringe
- Scalpel
- Catheter Holder
- Catheter Holder clamp
- Extension Line clamp
- Injection Stopper / Needle Free connector

Legal Manufacturer-

POLY MEDICURE LIMITED

Plot No.: 115 -116, Sector 59, HSIIDC Industrial Area, Ballabgarh,
Faridabad, HARYANA, INDIA - 121004

Production Site-

POLY MEDICURE LIMITED

Plot No.:115 -116, Sector 59, HSIIDC Industrial Area, Ballabgarh,
Faridabad, HARYANA, INDIA – 121004

European Authorized Representative- Name and address

OBELIS S.A.

Boulevard Général Wahis 53,
B-1030, Brussels,
Belgium,

Certification:

Certification	Notified Body
EN ISO 13485:2016/DIN-EN ISO 13485:2016 Certificate No.: Q5 041938 0001	TÜV SÜD Product Service GmbH, Ridlerstraße 65, 80339, Munich, Germany

Classification and GMDN Data:

Device Class

- As per "Classification Criteria" in Annexure- IX of the Council Directive 93/42/EEC as amended by 2007/47/EC Central Venous Catheters are normally intended for continuous use for more than 60 minutes and less than 30 days. Hence these are for short-term device as per description in the 1.1 of Annexure- IX.
- Various sterile Central Venous Catheters penetrate inside the surface of body, hence is "Invasive device" as per 1.2 of Annexure- IX. As per the Directive devices which penetrate the body through other than an establish body orifice are surgically invasive devices hence Central Venous Catheters (CVC) are "Surgically invasive device.
- As per Rule- 7 for Classification, all „Surgically Invasive Devices“ intended for short-term use are classified in Class- IIa either specifically to control, diagnose, monitor or correct a defect of the heart or of the central circulatory system through direct contact with these parts of the body, in which case they are in **Class- III**. Hence Central Venous Catheters are classified as **Class- III** Medical device.

Device Description:

A central venous catheter is a long, thin, flexible tube used to give medicines, fluids, nutrients or blood products. A catheter is often inserted in the arm or chest through the skin into a large vein. The catheter is threaded through this vein until it reaches a large vein near the heart.

- Central venous catheter (CVC) is surgically inserted into human body such that its distal tip is advanced as far as possible in the superior/inferior vena cava for single use.
- CVC can be single lumen or multi lumen catheter. Single lumen catheter consists of a tube or lumen ending in a hub that can be capped and used as per requirement. Multiple lumen catheters provide multiple access channels to the central venous circulation through a single insertion site, permitting several functions to be performed simultaneously.
- Catheters are made from the soft polyurethane and have Single, Double, Triple, Quadruple lumens in various lengths.
- The product made of specially formulated and biocompatible polyurethane material provides strength during insertion and also softens at body temperature to conform to the body tissues and reduces the risk and vascular trauma.
- The whole kit consists of an Indwelling catheter with extension line, An introducer needle or Y- site needle with protection cap, A fit female luer hub, Guide wire with dispenser, A 5ml syringe with luer slip or 5ml guiding syringe, Vessel dilator, Tube clamp, Injection stopper/ Needle free connector, Catheter holder with clamp and Scalpel blade.
- Specially designed soft & beveled tip for smooth & easy insertion of catheter.
- Soft flexible J-tip guide wire prevents the vessel perforation and also provides good torque to ensure firm insertion.
- Sufficiently radio-opaque material of catheter with clear, definite marking facilitates correct placement of catheter tip.

Sterilization Method/Shelf Life:

Sterilization Method: Ethylene Oxide Sterilization.

Shelf Life: Five years from the date of manufacturing.

Packaging Characteristics:**Unit**

Quantity	1 No.
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Duplex

Quantity	20 No.
Dimensions-L x H x W (mm)	380 x 205 x 160

Carton

Quantity	100 No.
Dimensions-L x H x W (mm)	825 x 395 x 220

Storage Conditions:

Between 5°C to 35°C

Materials of Concern:

Material	Present (No/Yes)
DEHP free	Yes
Latex free	Yes
Free of substances of animal origin BSE/TSE	Yes