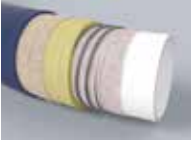


TECHNICAL DATA
PHARMACEUTICAL HOSES

PolyFlow – Pharmaceutical Hoses in Silicone, EPDM and PTFE

Type	Diameter [mm]		Wall thickness [mm]	Bending radius [mm]	Working pressure [bar]		Weight [kg/m]
	Inside	Outside			hose	assembly*	
 PolyFlow ST	6,35	13,03	3,34	40	15	6,0	0,12
	9,53	16,32	3,39	50	12	6,0	0,17
	12,70	20,10	3,70	65	10	4,5	0,23
	19,05	27,90	4,42	80	8	4,0	0,41
	25,40	34,50	4,55	120	5	2,5	0,51
 PolyFlow STR	13,0	24,0	5,5	60	15	6,5	0,45
	19,0	30,0	5,5	80	13	6,5	0,60
	25,0	36,0	5,5	100	10	6,5	0,70
	38,0	51,0	6,5	155	7	6,5	1,20
	51,0	64,0	6,5	210	6	5,5	1,60
 PolyFlow ETR	20,0	31,0	5,5	40	10	6,5	0,68
	25,0	37,0	6,0	50	10	6,5	0,80
	38,0	51,0	6,5	65	10	6,5	1,20
	51,0	65,0	7,0	85	10	5,5	1,76
 PolyFlow PTR	13,0	23,0	5,0	110	16	6,5	0,40
	19,0	31,0	5,5	170	16	6,5	0,60
	25,0	37,0	6,0	105	16	6,5	0,90
	38,0	51,0	6,5	145	16	6,5	1,30
	50,0	66,0	6,5	210	16	6,5	2,30
 PolyFlow PTR OHM	13,0	23,0	5,0	110	16	6,5	0,40
	19,0	31,0	5,5	170	16	6,5	0,60
	25,0	37,0	6,0	105	16	6,5	0,90
	38,0	51,0	6,5	145	16	6,5	1,30
	50,0	66,0	6,5	210	16	6,5	2,30

* hose incl. Dockweiler connection

Temperatur range [°C]	Vacuum	Max. length [m]	Connection size			Certificates
			Imperial [Inch]	ISO [mm]	Metric [mm]	
-60 to +180°C	No	25	1/4"	-	8 x 1	FDA 21 CFR 177 2600 USP class VI BfR Type II USP Physicochemical 661 Elution test L929 of non-cytotoxicity Hemolysis test direct and indirect European Pharmacopoeia 3.1.9
		25	3/8"	-		
		25	1/2"	21,3 x 1,6	13 x 1,5 19 x 1,5	
		10	3/4"	26,9 x 1,6	23 x 1,5	
		10	1"	33,7 x 1,6	35 x 1,5	
-60 to +200°C	0,9 bar	40	1/2"	21,3 x 1,6	8 x 1	FDA 21 CFR 177 2600 USP Class VI, 3-A Sanitary Standard, EC 1935/2004, EC 2023/2006, DM21/03/1973, BfR XV and XXI cat.2, ISO 10993-8, -10 and -11
			3/4"	26,9 x 1,6	23 x 1,5	
			1"	33,7 x 1,6	35 x 1,5	
			1 1/2"	42,4 x 2,0 48,3 x 2,0	41 x 1,5	
			2"	60,3 x 2,0	35 x 1,5	
-30 to +120°C	0,9 bar	40	3/4"	26,9 x 2,0	23 x 1,5	FDA 21 CFR 177 2600 BfR Type II USP Physicochemical 661
			1"	33,7 x 2,0	35 x 1,5	
			1 1/2"	42,4 x 2,0 48,3 x 2,0	41 x 1,5	
			2"	60,3 x 2,0	53 x 1,5	
-30 to +150°C	0,8 bar	40	1/2"	21,3 x 1,6	8 x 1	FDA 21 CFR - 155 1550 USP Klasse VI, BFR XXI, EC 10/2011, 1282/2011, 1183/2011, 202/2014, 1935/2004, 2023/2006, Bed.Ggst V, 24.6.2013, LFGB
			3/4"	26,9 x 1,6	23 x 1,5	
			1"	33,7 x 1,6	35 x 1,5	
			1 1/2"	42,4 x 2,0 48,3 x 2,0	41 x 1,5	
			2"	60,3 x 2,0	35 x 1,5	
-30 to +150°C	0,8 bar	40	1/2"	21,3 x 1,6	8 x 1	FDA 21 CFR - 155 1550 USP Klasse VI, BFR XXI, EC 10/2011, 1282/2011, 1183/2011, 202/2014, 1935/2004, 2023/2006, Bed.Ggst V, 24.6.2013, LFGB
			3/4"	26,9 x 1,6	23 x 1,5	
			1"	33,7 x 1,6	35 x 1,5	
			1 1/2"	42,4 x 2,0 48,3 x 2,0	41 x 1,5	
			2"	60,3 x 2,0	35 x 1,5	



Easiest cleaning and quick drainage: As an option PolyFlow PTR and PolyFlow PTR OHM hoses are available with crimped hose-fitting and flanged PTFE Liner (**FLARED**). The connection fitting has no contact to the medium, as the special crimping does not allow for any gaps or dead space up to the seal.

Your local office

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