



Atmospheric Condensate Pipe Diameter Selection Table

Steam Pressure P (barg)	Pipe Diameter (DN)													
	15 1/2" 16 mm	20 3/4" 21.6mm	25 1" 27.2mm	32 1 1/4" 35.9mm	40 1 1/2" 41.8mm	50 2" 53mm	65 2 1/2" 68.8mm	80 3" 80.8mm	100 4" 105.3mm	125 5" 130mm	150 6" 155.4mm	200 8" 204mm	250 10" 254mm	300 12" 303mm
	SCH40 Black Pipe Pouring Its Atmosphere into the Tank Approximate Condensate + Flash Steam Flow Calculated Based on Its Inside Diameter (kg/h)													
0,5	215	568	627	1120	1480	2370	4050	5590	9560	14430	20490	35440	55050	78900
1	170	372	496	864	1170	1880	3175	4380	7435	11335	16195	2792	43265	61570
1,5	146	315	422	727	995	1605	2667	3715	6300	9602	13722	11086	36657	52165
2	122	258	349	590	820	1330	2160	3050	5165	7870	11250	19380	30050	42760
2,5	112	245	329	567	762	1240	2050	2865	4857	7405	10576	18225	28260	40220
3	102	233	310	545	705	1150	1940	2680	4550	6940	9903	17070	26470	37680
3,5	97	214	285	497	660	1070	1805	2490	4225	6450	9201,5	15870	24610	35025
4	92	195	260	450	615	990	1670	2300	3900	5960	8500	14670	22750	32370
4,5	85	186	247	427	582	940	1582	2180	3700	5645	8065	13910	21560	30680
5	79	177	235	405	550	890	1495	2060	3500	5330	7630	13150	20370	28990
6	73	160	215	374	507	815	1375	1890	3215	4900	7005	12070	18720	26630
7	68	155	202	352	476	767	1287	1780	3027	4600	6602	11360	17590	25055
8	64	150	190	330	445	720	1200	1670	2840	4300	6200	10650	16460	23480
9	62	141	182	317	428	682	1130	1610	2710	4115	5900	10175	15780	22415
10	61	132	174	304	411	644	1060	1550	2580	3930	5600	9700	15100	21350
11	57	128	170	294	399	625	1040	1480	2485	3775	5415	9325	14490	20560
12	54	124	167	284	388	606	1020	1410	2390	3620	5230	8950	13880	19770
13	51	117	159	272	369	585	987	1365	2305	3505	5037	8650	13415	19100
14	49	111	151	260	350	565	955	1320	2220	3390	4845	8350	12950	18430
15	47	108	145	254	342	545	917	1265	2150	3295	4707	8105	12585	17790