



유속에 따른 배관 구경별 증기 통과량 (Kg/hr)

압력 Kg/cm ²	유속 m/sec	배관구경(mm), SCH 80 기준																	
		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500
0.4	15	7	13	22	37	51	84	134	188	325	502	706	1,254	1,936	2,770	3,472	4,550	5,774	7,144
	25	12	22	36	62	85	141	223	313	541	837	1,176	2,090	3,227	4,617	5,786	7,584	9,624	11,907
	40	19	35	57	99	135	225	356	501	865	1,339	1,882	3,345	5,164	7,387	9,258	12,134	15,398	19,051
1	15	10	18	30	51	70	116	183	258	445	689	968	1,721	2,657	3,801	4,763	6,243	7,922	9,802
	25	16	30	49	85	116	193	305	430	742	1,148	1,614	2,868	4,428	6,334	7,939	10,405	13,204	16,336
	40	26	47	79	136	186	309	489	688	1,187	1,838	2,582	4,589	7,085	10,135	12,702	16,648	21,127	26,138
2	15	14	26	43	75	102	170	270	379	655	1,014	1,424	2,531	3,908	5,590	7,006	9,183	11,653	14,418
	25	24	44	72	125	171	284	449	632	1,091	1,689	2,374	4,219	6,513	9,317	11,677	15,305	19,422	24,030
	40	38	70	116	200	273	454	719	1,012	1,746	2,703	3,798	6,750	10,421	14,908	18,684	24,488	31,076	38,447
3	15	19	34	57	98	134	222	352	496	856	1,325	1,862	3,309	5,109	7,308	9,159	12,005	15,234	18,848
	25	31	57	95	164	223	371	587	826	1,427	2,208	3,103	5,515	8,515	12,181	15,265	20,008	25,390	31,414
	40	50	91	151	262	357	593	940	1,322	2,283	3,533	4,965	8,824	13,624	19,489	24,425	32,012	40,625	50,262
4	15	23	42	69	120	164	272	431	607	1,048	1,622	2,279	4,051	6,254	8,946	11,212	14,695	18,648	23,072
	25	38	70	116	201	273	454	719	1,012	1,747	2,703	3,799	6,751	10,423	14,910	18,687	24,492	31,081	38,454
	40	61	112	185	321	437	726	1,150	1,619	2,795	4,325	6,078	10,802	16,677	23,857	29,899	39,187	49,729	61,526
5	15	27	50	83	144	196	325	515	724	1,251	1,936	2,720	4,834	7,463	10,676	13,379	17,536	22,253	27,532
	25	45	83	138	239	326	542	858	1,207	2,084	3,226	4,533	8,056	12,438	17,793	22,299	29,226	37,089	45,887
	40	72	133	221	383	522	867	1,373	1,932	3,335	5,162	7,253	12,890	19,901	28,468	35,678	46,762	59,342	73,419
6	15	31	57	95	165	225	374	593	834	1,440	2,229	3,132	5,567	8,595	12,295	15,408	20,195	25,628	31,708
	25	52	96	159	276	375	624	988	1,390	2,400	3,715	5,221	9,278	14,324	20,491	25,681	33,658	42,714	52,846
	40	83	153	255	441	601	998	1,581	2,225	3,841	5,944	8,353	14,845	22,919	32,786	41,089	53,854	68,342	84,554
7	15	36	65	109	188	256	426	675	950	1,640	2,538	3,567	6,339	9,786	13,999	17,545	22,995	29,181	36,104
	25	59	109	181	314	427	710	1,125	1,583	2,733	4,230	5,945	10,564	16,310	23,332	29,241	38,325	48,635	60,173
	40	95	175	290	502	684	1,136	1,800	2,533	4,373	6,768	9,511	16,903	26,096	37,331	46,786	61,320	77,817	96,276
8	15	40	73	122	211	287	477	755	1,062	1,834	2,839	3,989	7,089	10,944	15,656	19,621	25,716	32,635	40,376
	25	66	122	203	351	478	794	1,258	1,771	3,057	4,731	6,648	11,815	18,241	26,093	32,702	42,860	54,391	67,294
	40	106	195	324	561	765	1,271	2,013	2,833	4,891	7,569	10,637	18,903	29,185	41,749	52,323	68,577	87,026	107,671
10	15	48	89	147	255	347	577	914	1,287	2,221	3,438	4,831	8,585	13,255	18,961	23,763	31,145	39,524	48,900
	25	80	148	245	425	579	962	1,524	2,144	3,702	5,730	8,052	14,309	22,091	31,602	39,605	51,909	65,874	81,501
	40	128	236	393	680	926	1,539	2,438	3,431	5,923	9,167	12,882	22,894	35,346	50,563	63,369	83,054	105,398	130,401
12	15	56	104	173	299	407	676	1,072	1,508	2,603	4,029	5,661	10,061	15,533	22,220	27,848	36,498	46,318	57,305
	25	94	173	288	498	678	1,127	1,786	2,513	4,338	6,714	9,435	16,768	25,888	37,033	46,413	60,831	77,196	95,509
	40	151	277	460	797	1,086	1,804	2,857	4,021	6,941	10,743	15,097	26,829	41,421	59,253	74,260	97,329	123,514	152,814
14	15	65	119	198	343	467	777	1,230	1,731	2,988	4,625	6,499	11,550	17,832	25,508	31,968	41,899	53,172	65,785
	25	108	199	330	572	779	1,294	2,050	2,885	4,980	7,708	10,832	19,250	29,719	42,514	53,281	69,832	88,620	109,642
	40	173	318	528	915	1,246	2,071	3,280	4,615	7,968	12,333	17,331	30,799	47,551	68,022	85,249	111,732	141,791	175,427
16	15	73	135	223	387	527	876	1,388	1,953	3,371	5,218	7,332	13,030	20,117	28,777	36,066	47,269	59,986	74,216
	25	122	224	372	645	879	1,460	2,313	3,254	5,618	8,696	12,220	21,717	33,528	47,962	60,109	78,782	99,977	123,694
	40	195	359	596	1,032	1,406	2,336	3,701	5,207	8,990	13,913	19,552	34,747	53,645	76,740	96,175	126,052	159,964	197,910
18	15	82	151	250	433	590	980	1,553	2,185	3,772	5,838	8,203	14,579	22,508	32,198	40,353	52,888	67,117	83,038
	25	136	251	417	722	983	1,634	2,588	3,641	6,286	9,730	13,672	24,298	37,514	53,663	67,254	88,147	111,861	138,397
	40	218	401	667	1,155	1,573	2,614	4,141	5,826	10,058	15,567	21,876	38,877	60,022	85,862	107,607	141,035	178,978	221,436
20	15	90	165	275	476	648	1,077	1,706	2,400	4,143	6,412	9,011	16,014	24,724	35,368	44,325	58,095	73,724	91,213
	25	150	276	458	793	1,080	1,795	2,843	4,000	6,905	10,687	15,018	26,690	41,207	58,946	73,875	96,825	122,874	152,022
	40	240	441	732	1,268	1,728	2,871	4,548	6,400	11,048	17,100	24,029	42,704	65,931	94,314	118,201	154,920	196,598	243,235