



유속에 따른 배관 구경별 증기 통과량 (Kg/hr)

압력 Kg/cm ²	유속 m/sec	배관구경(mm), SCH 40 기준																	
		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500
0.4	15	9	16	25	43	58	96	149	210	360	552	785	1,375	2,130	3,054	3,826	4,996	6,322	7,857
	25	15	26	42	72	97	159	249	350	600	919	1,308	2,292	3,551	5,091	6,376	8,327	10,537	13,095
1	40	24	42	68	116	156	255	399	560	961	1,471	2,093	3,668	5,681	8,145	10,202	13,323	16,860	20,953
	15	12	22	35	60	80	131	205	288	494	757	1,077	1,887	2,923	4,191	5,249	6,855	8,675	10,780
2	25	20	36	58	99	134	219	342	480	824	1,261	1,794	3,145	4,872	6,984	8,748	11,425	14,458	17,967
	40	33	58	93	159	214	350	547	768	1,318	2,018	2,871	5,032	7,795	11,175	13,997	18,279	23,132	28,748
3	15	18	32	51	88	118	193	302	424	727	1,113	1,584	2,776	4,300	6,164	7,721	10,083	12,760	15,857
	25	30	53	86	146	197	322	503	706	1,212	1,855	2,640	4,626	7,166	10,274	12,868	16,805	21,266	26,428
4	40	48	85	137	233	314	514	804	1,130	1,938	2,969	4,223	7,402	11,466	16,438	20,589	26,887	34,025	42,286
	15	24	42	67	114	154	252	394	554	950	1,455	2,070	3,628	5,621	8,058	10,093	13,181	16,680	20,730
5	25	39	69	112	191	257	420	657	923	1,584	2,426	3,451	6,047	9,368	13,430	16,822	21,968	27,801	34,549
	40	63	111	179	305	411	672	1,052	1,477	2,534	3,881	5,521	9,676	14,989	21,489	26,915	35,149	44,481	55,279
6	15	29	51	82	140	189	309	483	678	1,163	1,782	2,534	4,442	6,881	9,864	12,355	16,135	20,419	25,376
	25	48	85	137	233	314	515	805	1,130	1,939	2,969	4,224	7,403	11,468	16,440	20,592	26,892	34,031	42,293
7	40	77	136	219	374	503	823	1,287	1,808	3,102	4,751	6,758	11,845	18,348	26,305	32,947	43,027	54,450	67,668
	15	34	61	98	167	225	368	576	809	1,388	2,126	3,024	5,300	8,211	11,771	14,744	19,254	24,366	30,281
8	25	57	101	164	279	375	614	960	1,348	2,314	3,543	5,041	8,834	13,684	19,618	24,573	32,090	40,609	50,468
	40	92	162	262	446	600	982	1,536	2,157	3,702	5,669	8,065	14,134	21,895	31,389	39,316	51,344	64,975	80,749
10	15	40	70	113	193	259	424	663	932	1,599	2,448	3,483	6,104	9,456	13,556	16,980	22,174	28,061	34,873
	25	66	117	188	321	432	707	1,106	1,553	2,664	4,081	5,805	10,174	15,760	22,594	28,299	36,957	46,768	58,122
12	40	106	187	301	513	691	1,131	1,769	2,485	4,263	6,529	9,288	16,278	25,215	36,150	45,279	59,131	74,829	92,995
	15	45	80	129	219	295	483	755	1,061	1,820	2,788	3,966	6,950	10,767	15,436	19,334	25,248	31,951	39,708
14	25	75	133	214	365	492	805	1,259	1,768	3,034	4,646	6,610	11,584	17,945	25,726	32,223	42,081	53,252	66,180
	40	120	212	343	585	787	1,288	2,014	2,829	4,854	7,434	10,576	18,534	28,711	41,162	51,556	67,329	85,203	105,887
16	15	50	89	144	245	330	540	845	1,186	2,036	3,118	4,435	7,773	12,041	17,262	21,622	28,236	35,733	44,407
	25	84	148	240	409	550	900	1,408	1,977	3,393	5,196	7,392	12,955	20,068	28,771	36,036	47,061	59,554	74,012
18	40	134	238	384	654	880	1,441	2,253	3,164	5,429	8,314	11,827	20,728	32,109	46,033	57,658	75,297	95,287	118,419
	15	61	108	174	297	400	654	1,023	1,437	2,465	3,776	5,372	9,414	14,583	20,907	26,186	34,198	43,276	53,782
20	25	102	180	290	495	666	1,090	1,705	2,395	4,109	6,293	8,953	15,690	24,305	34,845	43,644	56,996	72,127	89,637
	40	163	288	465	792	1,066	1,745	2,728	3,832	6,575	10,069	14,324	25,104	38,888	55,751	69,830	91,193	115,403	143,419
22	15	72	126	204	348	469	767	1,199	1,684	2,889	4,425	6,295	11,032	17,089	24,500	30,687	40,075	50,714	63,026
	25	119	211	340	580	781	1,278	1,998	2,807	4,815	7,375	10,491	18,387	28,482	40,833	51,145	66,792	84,524	105,043
24	40	191	337	545	928	1,250	2,045	3,197	4,491	7,705	11,799	16,786	29,418	45,572	65,333	81,832	106,867	135,238	168,069
	15	82	145	234	399	538	880	1,376	1,933	3,317	5,080	7,226	12,664	19,618	28,126	35,228	46,006	58,219	72,352
26	25	137	242	391	666	897	1,467	2,294	3,222	5,528	8,466	12,044	21,107	32,697	46,876	58,714	76,676	97,032	120,587
	40	219	387	625	1,065	1,435	2,347	3,670	5,155	8,845	13,546	19,270	33,772	52,316	75,002	93,942	122,682	155,251	192,940
28	15	93	164	265	451	607	993	1,553	2,181	3,742	5,731	8,152	14,288	22,133	31,730	39,743	51,902	65,681	81,625
	25	154	273	441	751	1,012	1,655	2,588	3,635	6,236	9,551	13,587	23,813	36,888	52,884	66,239	86,503	109,468	136,042
30	40	247	437	705	1,202	1,618	2,648	4,141	5,816	9,978	15,282	21,740	38,100	59,020	84,614	105,982	138,405	175,148	217,667
	15	104	183	296	504	679	1,111	1,737	2,440	4,187	6,412	9,121	15,986	24,763	35,502	44,467	58,071	73,488	91,328
32	25	173	305	493	840	1,132	1,852	2,896	4,067	6,978	10,686	15,202	26,643	41,272	59,170	74,112	96,785	122,480	152,213
	40	277	489	789	1,344	1,811	2,963	4,633	6,507	11,164	17,098	24,324	42,629	66,036	94,672	118,580	154,857	195,968	243,541
34	15	114	201	325	554	746	1,220	1,908	2,680	4,599	7,043	10,019	17,560	27,201	38,997	48,845	63,788	80,722	100,319
	25	190	335	542	923	1,243	2,034	3,181	4,467	7,665	11,738	16,699	29,266	45,336	64,995	81,408	106,314	134,537	167,198
36	40	304	537	867	1,477	1,989	3,254	5,089	7,148	12,263	18,781	26,719	46,826	72,537	103,992	130,254	170,102	215,260	267,517