

# 44 11 Particulate Control Equipment

## 44 11 16 – Fugitive Dust Barrier Systems

### 44 11 16.10 Dust Collection Systems

#### 0010 DUST COLLECTION SYSTEMS Commercial/Industrial

##### 0120 Central vacuum units

##### 0130 Includes stand, filters and motorized shaker

		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
0200	500 CFM, 10" inlet, 2 HP	Q-20	2.40	8.333	Ea.	4,025	515		4,540	5,200
0220	1,000 CFM, 10" inlet, 3 HP	Q-20	2.20	9.091	Ea.	4,775	565		5,340	6,100
0240	1,500 CFM, 10" inlet, 5 HP		2	10		4,400	620		5,020	5,750
0260	3,000 CFM, 13" inlet, 10 HP		1.50	13.333		13,900	825		14,725	16,600
0280	5,000 CFM, 16" inlet, 2 @ 10 HP	↓	1	20	↓	14,800	1,250		16,050	18,200
1000	Vacuum tubing, galvanized									
1100	2-1/8" OD, 16 ga.	Q-9	440	.036	L.F.	3.60	2.21		5.81	7.36
1110	2-1/2" OD, 16 ga.		420	.038		3.90	2.32		6.22	7.86
1120	3" OD, 16 ga.		400	.040		3.98	2.43		6.41	8.09
1130	3-1/2" OD, 16 ga.		380	.042		6.10	2.56		8.66	10.59
1140	4" OD, 16 ga.		360	.044		7	2.70		9.70	11.79
1150	5" OD, 14 ga.		320	.050		9.90	3.04		12.94	15.50
1160	6" OD, 14 ga.		280	.057		12	3.47		15.47	18.41
1170	8" OD, 14 ga.		200	.080		18.55	4.86		23.41	28
1180	10" OD, 12 ga.		160	.100		54	6.10		60.10	68.50
1190	12" OD, 12 ga.		120	.133		51	8.10		59.10	68
1200	14" OD, 12 ga.	↓	80	.200	↓	57.50	12.15		69.65	81.50
1940	Hose, flexible wire reinforced rubber									
1956	3" diam.	Q-9	400	.040	L.F.	6.05	2.43		8.48	10.39
1960	4" diam.		360	.044		7.15	2.70		9.85	11.99
1970	5" diam.		320	.050		8.85	3.04		11.89	14.30
1980	6" diam.	↓	280	.057	↓	9.40	3.47		12.87	15.60
2000	90° elbow, slip fit									
2110	2-1/8" diam.	Q-9	70	.229	Ea.	13.50	13.90		27.40	36
2120	2-1/2" diam.		65	.246		16.65	14.95		31.60	41
2130	3" diam.		60	.267		26	16.20		42.20	53
2140	3-1/2" diam.		55	.291		31.50	17.70		49.20	61
2150	4" diam.		50	.320		34.50	19.45		53.95	67.50
2160	5" diam.		45	.356		53.50	21.50		75	91.50
2170	6" diam.	↓	40	.400	↓	70	24.50		94.50	114
2180	8" diam.	↓	30	.533	↓	160	32.50		192.50	225
2400	45° elbow, slip fit									
2410	2-1/8" diam.	Q-9	70	.229	Ea.	9.90	13.90		23.80	32
2420	2-1/2" diam.		65	.246		16.15	14.95		31.10	40.50
2430	3" diam.		60	.267		19.90	16.20		36.10	46.50
2440	3-1/2" diam.		55	.291		24	17.70		41.70	53
2450	4" diam.		50	.320		31	19.45		50.45	63.50
2460	5" diam.		45	.356		51	21.50		72.50	88.50
2470	6" diam.		40	.400		64	24.50		88.50	107
2480	8" diam.	↓	35	.457	↓	170	28		198	229
2800	90° TY, slip fit thru 6" diam.									
2810	2-1/8" diam.	Q-9	42	.381	Ea.	21	23		44	58.50
2820	2-1/2" diam.		39	.410		26.50	25		51.50	66.50
2830	3" diam.		36	.444		32.50	27		59.50	76
2840	3-1/2" diam.		33	.485		47	29.50		76.50	96
2850	4" diam.		30	.533		41.50	32.50		74	94.50
2860	5" diam.		27	.593		69	36		105	131
2870	6" diam.	↓	24	.667	↓	102	40.50		142.50	173
2880	8" diam., butt end					174			174	191
2890	10" diam., butt end				↓	370			370	410