

MCAA Labor Production Units Matrix - Parker TransAir / Carbon Black Pipe

Grouping	Size	Standard Labor Production Units (SPU)		Labor Savings: CBP / Aluminum
		Parker - TransAir Aluminum	Carbon Black - Standard Weight - Threaded	
Pipe - Standard Length 20'	1/2"	0.05	0.07	29%
Pipe - Standard Length 20'	1"	0.05	0.09	44%
Pipe - Standard Length 20'	1.5"	0.05	0.11	55%
Pipe - Standard Length 20'	2"	0.06	0.13	54%
Pipe - Standard Length 20'	2.5"	0.06	0.18	67%
Pipe - Standard Length 20'	3"	0.07	0.22	68%
Pipe - Standard Length 20'	4"	0.08	0.29	72%
Pipe - Standard Length 20'	6"	0.12	0.44	73%
Pipe: Average Labor Savings Based on 1 SPU				58%
Straight Union	1/2"	0.09	0.68	87%
Straight Union	1"	0.14	1.15	88%
Straight Union	1.5"	0.2	1.45	86%
Straight Union	2"	0.32	1.76	82%
Straight Union	2.5"	0.38	2.82	87%
Straight Union	3"	0.54	3.39	84%
Straight Union	4"	0.7	*	
Straight Union	6"	1.05	*	
Straight Union: Average Labor Savings Based on 1 SPU				86%
45 Degree Union	1"	0.14	0.85	84%
45 Degree Union	1.5"	0.2	1.07	81%
45 Degree Union	2"	0.32	1.3	75%
45 Degree Union	2.5"	0.37	2.08	82%
45 Degree Union	3"	0.54	2.5	78%
45 Degree Union	4"	0.72	3.34	78%
45 Degree Union	6"	1.04	6.55	84%
45 Degree Union: Average Labor Savings Based on 1 SPU				81%
90 Degree Union	1/2"	0.09	0.51	82%
90 Degree Union	1"	0.14	0.85	84%
90 Degree Union	1.5"	0.19	1.08	82%
90 Degree Union	2"	0.32	1.3	75%
90 Degree Union	2.5"	0.39	2.09	81%
90 Degree Union	3"	0.54	2.51	78%
90 Degree Union	4"	0.71	3.37	79%
90 Degree Union	6"	1.07	6.64	84%
90 Degree Union: Average Labor Savings Based on 1 SPU				81%
Tee	1/2"	0.12	0.74	84%
Tee	1"	0.19	1.25	85%
Tee	1.5"	0.27	1.59	83%
Tee	2"	0.46	1.92	76%
Tee	2.5"	0.55	3.1	82%
Tee	3"	0.77	3.74	79%
Tee	4"	1.02	4.99	80%
Tee	6"	1.59	9.8	84%
Tee: Average Labor Savings Based on 1 SPU				82%
Cap	1/2"	0.07	0.28	75%
Cap	1"	0.1	0.45	78%
Cap	1.5"	0.12	0.56	79%
Cap	2"	0.18	0.68	74%
Cap	2.5"	0.21	1.07	80%
Cap	3"	0.29	1.28	77%
Cap	4"	0.37	1.71	78%
Cap	6"	0.54	3.32	84%
Cap: Average Labor Savings Based on 1 SPU				78%
Total Overall Average				77%
* Data not provided by MCAA				