




2024-2025 NECA Manual of Labor Units


The field is busy - but there's only one spot for number one. See how the installation time for fiberglass conduit and elbows stack up to PVC (SCH 40 and 80), GRC, PVC Coated Steel and Aluminum conduit and elbows.

 CONDUIT								
CONDUIT DIAMETER	EMT	PVC SCH 40	PVC SCH 80	ALUMINUM	STAINLESS STEEL	GALVANIZED RIGID STEEL	EPOXY FIBERGLASS*	PVC-COATED STEEL
3/4"	5	4.5	5.4	5.5	7.5	6	5.5	8
1"	5.5	5.25	6.3	6	8.75	7	5.75	10
1-1/4"	6.2	6	7.2	6.5	10	8	6	12
1-1/2"	7	7	8.4	7	11.25	9	6.35	15
2"	8	8	9.6	8	13.75	11	6.75	18
2-1/2"	9.5	9	10.8	10	18.75	15	7.1	21
3"	11	10	12	12	25	20	7.5	26
3-1/2"	13	12	N/A	15	31.25	25	7.85	32
4"	16	14	16.8	19	37.5	30	8.25	38
5"	N/A	18	21.6	24	47.5	38	8.6	45
6"	N/A	24	28.8	30	60	48	9	60

Average installation man/hours per 100 ft.

REF: 2024-2025 NECA Manual of Labor Units (normal installation man/hours per/100 ft.)

* Reduce labor units by 10% for 20 foot lengths

 ELBOWS								
CONDUIT DIAMETER	EMT	PVC SCH 40*	PVC SCH 80*	ALUMINUM	STAINLESS STEEL	GALVANIZED RIGID STEEL*	EPOXY FIBERGLASS*	PVC-COATED STEEL
3/4"	.22	.22	.24	.3	.53	.4	.5	.6
1"	.25	.25	.28	.35	.67	.5	.6	.7
1-1/4"	.32	.32	.36	.4	.8	.6	.63	.8
1-1/2"	.4	.4	.46	.5	1	.75	.67	1
2"	.5	.5	.58	.75	1.3	1	.75	1.2
2-1/2"	.6	.5	.69	1	2	1.5	.82	1.75
3"	.7	.7	.84	1.3	2.67	2	.9	2.25
3-1/2"	.85	.85	N/A	1.6	3.33	2.5	1.05	2.75
4"	1	1	1.2	2	4	3	1.2	3.25
5"	N/A	1.25	1.5	2.5	5.3	4	1.35	4.5
6"	N/A	1.5	1.8	3	6.67	5	1.5	5.5

Average installation man/hours per elbow

REF: 2024-2025 NECA Manual of Labor Units (normal installation man/hours per elbow)

* Add 20% to GRC, SCH 40, SCH 80 for long sweep elbows