



# 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 the competition.

## CONDUIT

CONDUIT DIAMETER	EPOXY FIBERGLASS*	PVC SCH 40	PVC SCH 80	GALVANIZED RIGID STEEL	PVC-COATED STEEL	ALUMINUM
3/4"	5.5	4.5	5.4	6.0	8.0	5.5
1"	5.75	5.25	6.3	7.0	10.0	6.0
1-1/4"	6.0	6.0	7.2	8.0	12.0	6.5
1-1/2"	6.35	7.0	8.4	9.0	15.0	7.0
2"	6.75	8.0	9.6	11.0	18.0	8.0
2-1/2"	7.1	9.0	10.8	15.0	21.0	10.0
3"	7.5	10.0	12.0	20.0	26.0	12.0
3-1/2"	7.85	12.0	N/A	25.0	32.0	15.0
4"	8.25	14.0	16.8	30.0	38.0	19.0
5"	8.6	18.0	21.6	38.0	45.0	24.0
6"	9.0	24.0	28.8	48.0	60.0	30.0

Average installation hours per 100 ft.

(REF: 2017-2018 NECA Manual of Labor Units)

\* Reduce labor units for 20-foot lengths by 10%

## ELBOWS

CONDUIT DIAMETER	EPOXY FIBERGLASS*	PVC SCH 40*	PVC SCH 80*	GALVANIZED RIGID STEEL*	PVC-COATED STEEL	ALUMINUM
3/4"	0.5	0.22	0.24	0.4	0.6	0.3
1"	0.6	0.25	0.28	0.5	0.7	0.35
1-1/4"	0.63	0.32	0.36	0.6	0.8	0.4
1-1/2"	0.67	0.4	0.46	0.75	1.0	0.5
2"	0.75	0.5	0.58	1.0	1.2	0.75
2-1/2"	0.82	0.5	0.69	1.5	1.75	1.0
3"	0.9	0.7	0.84	2.0	2.25	1.3
3-1/2"	1.05	0.85	N/A	2.5	2.75	1.6
4"	1.2	1.0	1.2	3.0	3.25	2.0
5"	1.35	1.25	1.5	4.0	4.5	2.5
6"	1.5	1.5	1.8	5.0	5.5	3.0

Average installation

(REF: 2017-2018 NECA Manual of Labor Units)

\* Add 20% for long sweep elbows