

Comparison Pole Materials

Steel vs. Aluminum vs. Fiberglass vs. Concrete vs. Wood

Pole Material	Pole Shape	Product Name	Mounting Heights	Cost	Strength 1-weak 10-strong	Corrosion Resistance	Finish Options	Har
Steel	Square Straight	SSS	Up to 39'	\$	5	Good	All Colors, Prime & Galv	
Steel	Round Straight	RSS	Up to 30'	\$\$	4	Good	All Colors, Prime & Galv	
Steel	Square Tapered	STS	Up to 50'	\$\$\$	6	Good	All Colors, Prime & Galv	
Steel	Round Tapered	RTS	Up to 70'	\$\$	7	Good	All Colors, Prime & Galv	
Steel	Round Tapered w/ Arm	RTSU	Up to 50'	\$\$\$	7	Good	All Colors, Prime & Galv	
Steel	Sports Poles	SPRTS	Up to 120'	\$\$\$\$	8	Good	All Colors, Prime & Galv	
Aluminum	Square Straight	SSA	Up to 35'	\$\$	2	Best	All Colors, Prime, Anodized	
Aluminum	Cruciform	SSCA	Up to 30'	\$\$	2	Best	All Colors, Prime, Anodized	
Aluminum	Round Straight	RSA	Up to 40'	\$\$	3	Best	All Colors, Prime, Anodized	
Aluminum	Round Tapered	RTA	Up to 50'	\$\$	3	Best	All Colors, Prime, Anodized	
Aluminum	Round Tapered w/ Arm	RTAU	Up to 45'	\$\$	3	Best	All Colors, Prime, Anodized	
Fiberglass	Round Tapered	RTF	Up to 45'	\$\$	3	Best	All Colors, Prime	
Fiberglass	Round Tapered Direct Burial	RTFDB	Up to 70'	\$\$	4	Best	All Colors, Prime	
Fiberglass	Square Straight	SSF	Up to 30'	\$\$	3	Best	All Colors, Prime	
Concrete	Square Tapered	STC	Up to 90'	\$\$\$\$	9	Best	Limited, Stained	
Concrete	Round Tapered	SPRTC	Up to 100'	\$\$\$\$	9	Best	Limited, Stained	
Wood	Square Straight Direct Burial	SSWDB	Up to 35'	\$\$\$	10	Good	Limited, Stained	