



Composite & Fiberglass Column Load Ratings

Model	Size	Length	Tested Height	Ultimate Load
Square Smooth Composite Columns were tested using Concentric Loading				
Square Smooth	6"	8' & 9'	9'	40,000 lbf
Square Smooth	8"	8', 9', & 10'	10'	44,000 lbf
Square Smooth	10"	8', 9', & 10'	10'	40,000 lbf
Square Smooth	12"	8', 9', 10', & 12'	12'	61,000 lbf
Round Smooth Tapered Composite Columns were tested using Concentric Loading				
Round Smooth Tapered	6"	6', 7', & 8'	8'	41,000 lbf
Herculite Square Smooth Pultruded Fiberglass Columns were tested using Eccentric Loading				
Herculite Square Smooth	8"	8', 9', & 10'	10'	28,829 lbf
Herculite Square Smooth	10"	8', 9', & 10'	10'	28,160 lbf
Herculite Square Smooth	12"	8', 9', 10', & 12'	12'	39,303 lbf
Round Smooth Tapered larger than 6" Composite Columns were tested using Eccentric Loading				
Round Smooth Tapered	8"	8'	8'	27,000 lbf
Round Smooth Tapered	8"	9'	9'	27,000 lbf
Round Smooth Tapered	8"	10'	10'	22,000 lbf
Round Smooth Tapered	10"	8'	8'	25,000 lbf
Round Smooth Tapered	10"	9'	9'	43,000 lbf
Round Smooth Tapered	10"	10'	10'	38,000 lbf
Round Smooth Tapered	12"	8'	8'	32,000 lbf
Round Smooth Tapered	12"	9'	9'	36,000 lbf
Round Smooth Tapered	12"	10'	10'	50,000 lbf

Weight values are ultimate load - Safety factors have not been applied to this value.