

Ultimate Load Capacities for Nylon Drywall Toggle (AKA Snaptoggle^{®*}) in Wallboard¹

Anchor Diameter <i>d</i> in.	3/8" Wallboard		1/2" Wallboard		5/8" Wallboard		3/4" Wallboard	
	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.
3/16	115	240	125	285	185	380	200	440
1/4	125	270	135	295	205	420	210	470
3/8	125	275	145	300	215	420	225	475
1/2	135	290	145	355	215	430	225	485

1. The values listed above are ultimate load capacities which should be reduced by a minimum safety factor of 4.0 or greater to determine the allowable working load.

Allowable Load Capacities for Nylon Drywall Toggle (AKA Snaptoggle^{®*}) in Wallboard¹

Anchor Diameter <i>d</i> in.	3/8" Wallboard		1/2" Wallboard		5/8" Wallboard		3/4" Wallboard	
	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.
3/16	25	60	30	70	45	95	45	110
1/4	30	70	30	75	45	105	50	120
3/8	30	70	35	75	50	105	55	120
1/2	30	75	35	90	55	110	55	120

1. Allowable load capacities listed are calculated using an applied safety factor of 4.0.

*Snaptoggle[®] is a Registered trademark of Mechanical Plastics Corporation.