Grommet-Rod Size Compatibility Chart

Rowley Company gets the question of "Which grommet is the one I need?" fairly often.

The answer depends on the desired appearance and if the grommet is supposed to traverse or remain stationary.

Key to Symbols

Yes	Grommet fits with enough room to traverse. There is no definitive determination as to whether or not a grommet will traverse. Rowley Co feels grommets that have enough clearance to swing 45°, will traverse. Note, traversing will be easier, if you use Grom-A-Link's to join pleats on the backside
Y/N	Grommet will fit, but not traverse very well.
No	Grommet will not fit on rod.

Rod Diameter or Outside Size (inches)			Grommet Size Shown Below							
Fraction Range	Includes These Fractions	(Decimal)	6	8	10	12	15	18	20	2 3/4" Plastic
1/16 - 1/2	1/8, 1/4, 3/8, 1/2	0.0" - 0.53"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9/16 - 11/16	5/8	0.53" - 0.70"	Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11/16 - 15/16	3/4, 7/8	0.7" - 0.95"	No	Y/N	Yes	Yes	Yes	Yes	Yes	Yes
15/16 - 1 1/8	1, 1 1/8	0.95" - 1.13"	No	No	Y/N	Yes	Yes	Yes	Yes	Yes
1 1/8 - 1 3/8	1 1/8, 1 1/4, 1 3/8	1.13" - 1.41"	No	No	Y/N	Y/N	Yes	Yes	Yes	Yes
1 3/8 - 1 7/16	1 3/8	1.41" - 1.45"	No	No	Y/N	Y/N	Y/N	Yes	Yes	Yes
1 7/16 - 1 1/2	1 1/2	1.45" - 1.55"	No	No	No	Y/N	Y/N	Yes	Yes	Yes
1 1/2 - 1 5/8	1 1/2, 1 5/8	1.55" - 1.63"	No	No	No	No	Y/N	Yes	Yes	Yes
1 5/8 - 1 15/16	1 3/4, 1 7/8	1.75" - 1.875"	No	No	No	No	Y/N	Y/N	Yes	Yes
1 15/16 - 2 3/16	2, 2 1/8	1.95" - 2.19"	No	No	No	No	No	No	Yes	Y/N
2 3/16 - 2 11/16	2 1/4, 2 3/8, 2 1/2, 2 5/8	2.19" - 2.7"	No	No	No	No	No	No	Y/N	Y/N
2 11/16 - 3 1/16	2 3/4, 2 7/8, 3	2.7" - 3.05"	No	No	No	No	No	No	Y/N	No

Extra notes:

The Black finish tends to be more slippery than the Stainless Steel finish.

RowleyCo highly recommends spraying our Silicone Spray (stk# AS15) on a terry cloth and wiping the top of the rod. You can also use paraffin, beeswax or wax.

Rod Finish

Stainless Steel: This most closely matches our Matte Nickel.

Black: This most closely matches our Black.

For those that like math, here's the equation to calculate the max rod thickness for a grommet to slide at a 45° angle: **Hypotenuse X Sine 45° = Opp**

Which boils down to: **ID of Grommet X 0.70711 = Max Rod Thickness for Traversing**

Two Quick "Rules of Thumb":

For a grommet to fit but not traverse: Use a grommet that is at least 1/8 bigger than the Rod Diameter.

For a grommet to fit & traverse: Use a grommet that is at least 40% bigger than the Rod Diameter.

Rowley®

Update: 12/16/2022