



Round Tubes & Containers

- Offer the widest variety of diameters and wall thicknesses
- All sizes listed are available as open ended tubes or sealed bottom containers
- Stocked as sealed bottom containers in many popular lengths and as open ended tubes in 48" lengths for immediate delivery
- Length of tubes & containers produced to customer's specifications



Nominal Size	Wall Style	Inside Diameter	Wall Thickness	Outside Diameter	Sealed Bottom	Plastic Clear Caps	Vinyl Cap	Vinyl Hanger Cap	Poly Plug	Poly Hanger Plug
3/16"	Heavy	0.194	0.020	0.234		✓	✓			
	Thin	0.210	0.012	0.234	✓	✓	✓		✓	
1/4"	Heavy	0.279	0.022	0.323		✓	✓			
	Thin	0.299	0.012	0.323	✓	✓	✓		✓	
3/8"	Heavy	0.401	0.022	0.445		✓	✓			
	Thin	0.421	0.012	0.445	✓	✓	✓		✓	✓
1/2"	Heavy	0.528	0.022	0.572		✓	✓	✓		
	Thin	0.548	0.012	0.572	✓	✓	✓	✓	✓	✓
9/16"	Heavy	0.621	0.022	0.665		✓	✓			
	Thin	0.639	0.013	0.665	✓	✓	✓		✓	✓
5/8"	Heavy	0.698	0.022	0.742		✓	✓			
	Thin	0.714	0.014	0.742	✓	✓	✓		✓	✓
	Ultra Thin	0.714	0.012	0.738	✓	✓	✓		✓	✓
3/4"	Heavy	0.794	0.022	0.838		✓	✓	✓		
	Thin	0.808	0.015	0.838	✓	✓	✓	✓	✓	✓
	Ultra Thin	0.808	0.012	0.832	✓	✓	✓	✓	✓	✓
13/16"	Heavy	0.861	0.022	0.905		✓	✓			
	Thin	0.875	0.015	0.905	✓	✓	✓		✓	
	Ultra Thin	0.875	0.012	0.899	✓	✓	✓		✓	
7/8"	Heavy	0.932	0.022	0.976		✓	✓			
	Thin	0.942	0.017	0.976	✓	✓	✓		✓	✓
	Ultra Thin	0.942	0.012	0.966	✓	✓	✓		✓	✓
15/16"	Heavy	1.016	0.022	1.060		✓	✓			
	Thin	1.026	0.017	1.060	✓	✓	✓		✓	
	Ultra Thin	1.026	0.012	1.050	✓	✓	✓		✓	
1"	Heavy	1.087	0.022	1.131		✓	✓	✓		
	Thin	1.095	0.018	1.131	✓	✓	✓	✓	✓	✓
	Ultra Thin	1.095	0.012	1.119	✓	✓	✓	✓	✓	✓
1-1/8"	Heavy	1.142	0.022	1.186		✓	✓			
	Thin	1.150	0.018	1.186	✓	✓	✓		✓	
	Ultra Thin	1.150	0.012	1.174	✓	✓	✓		✓	
1-3/16"	Heavy	1.207	0.022	1.251		✓	✓			
	Thin	1.215	0.018	1.251	✓	✓	✓		✓	
	Ultra Thin	1.215	0.012	1.239	✓	✓	✓		✓	
1-1/4"	Heavy	1.355	0.022	1.399		✓	✓	✓		
	Thin	1.363	0.018	1.399	✓	✓	✓	✓	✓	✓
	Ultra Thin	1.363	0.012	1.387	✓	✓	✓	✓	✓	✓
1-3/8"	Heavy	1.430	0.022	1.474		✓	✓	✓		
	Thin	1.438	0.018	1.474	✓	✓	✓	✓	✓	
	Ultra Thin	1.438	0.012	1.462	✓	✓	✓	✓	✓	

Round Tubes & Containers



• Low minimum ordering quantities

• Variety of closure options available

• Free samples typically shipped within 24 hours

• Ideal for items such as
Posters, Apparel,
Cutting Tools, Craft Beads,
Welding Rods,
Gift Packs/Kits,
Toys, Candy and
*virtually anything else
you can imagine!*

Ask About
Holiday Toppers!



Nominal Size	Wall Style	Inside Diameter	Wall Thickness	Outside Diameter	Sealed Bottom	Plastic Clear Caps	Vinyl Cap	Vinyl Hanger Cap	Poly Plug	Poly Hanger Plug
1-7/16"	Heavy	1.524	0.022	1.568		✓	✓			
	Thin	1.532	0.018	1.568	✓	✓	✓		✓	
	Ultra Thin	1.532	0.012	1.556	✓	✓	✓		✓	
1-1/2"	Heavy	1.636	0.022	1.680		✓	✓	✓		
	Thin	1.644	0.018	1.680	✓	✓	✓	✓	✓	✓
	Ultra Thin	1.644	0.012	1.668	✓	✓	✓	✓	✓	✓
1-5/8"	Heavy	1.694	0.028	1.750		✓	✓			
	Thin	1.710	0.020	1.750	✓	✓	✓		✓	
	Ultra Thin	1.710	0.012	1.734	✓	✓	✓		✓	
1-3/4"	Heavy	1.804	0.028	1.860		✓	✓	✓		
	Thin	1.820	0.020	1.860	✓	✓	✓	✓	✓	✓
	Ultra Thin	1.820	0.012	1.844	✓	✓	✓	✓	✓	✓
1-7/8"	Heavy	1.914	0.028	1.970		✓	✓			
	Thin	1.930	0.020	1.970	✓	✓	✓		✓	
	Ultra Thin	1.930	0.014	1.958	✓	✓	✓		✓	
2"	Heavy	2.054	0.028	2.110		✓	✓	✓		
	Thin	2.070	0.020	2.110	✓	✓	✓	✓	✓	✓
	Ultra Thin	2.070	0.014	2.098	✓	✓	✓	✓	✓	✓
2-1/8"	Heavy	2.156	0.028	2.212		✓	✓			
	Thin	2.172	0.020	2.212	✓	✓	✓		✓	
	Ultra Thin	2.172	0.014	2.200	✓	✓	✓		✓	
2-1/4"	Heavy	2.304	0.028	2.360		✓	✓			
	Thin	2.320	0.020	2.360	✓	✓	✓		✓	
	Ultra Thin	2.320	0.014	2.348	✓	✓	✓		✓	
2-1/2"	Heavy	2.554	0.028	2.610		✓	✓			
	Thin	2.570	0.020	2.610	✓	✓	✓		✓	✓
	Ultra Thin	2.570	0.014	2.598	✓	✓	✓		✓	✓
2-3/4"	Heavy	2.774	0.028	2.830		✓	✓			
	Thin	2.790	0.020	2.830	✓	✓	✓		✓	
	Ultra Thin	2.790	0.014	2.818	✓	✓	✓		✓	
3"	Heavy	3.071	0.032	3.135		✓	✓			
	Thin	3.085	0.025	3.135	✓	✓	✓		✓	✓
	Ultra Thin	3.085	0.018	3.121	✓	✓	✓		✓	✓
3-1/2"	Heavy	3.556	0.032	3.620		✓	✓			
	Thin	3.570	0.025	3.620	✓	✓	✓		✓	
	Ultra Thin	3.570	0.018	3.606	✓	✓	✓		✓	
4"	Heavy	4.036	0.035	4.106		✓	✓			
	Thin	4.050	0.028	4.106	✓	✓	✓		✓	
	Ultra Thin	4.050	0.020	4.090	✓	✓	✓		✓	

Square & Rectangle Tubes & Containers

- Our NEW line of square and rectangular tubes offers a variation from the basic round style



- All sizes listed are available as open ended tubes or sealed bottom containers

- Stocked as sealed bottom containers in many popular lengths and as open ended tubes in 48" lengths for immediate delivery

- Length of tubes & containers produced to customer's specifications

Now Offering
Flip Top

Closures for
Rectangular Tubes & Containers



Nominal Size	Wall Style	Inside Dimension	Wall Thickness	Outside Dimension	Square Sealed Bottom	Rectangle Sealed Bottom	Square Poly Plug	Rectangle Poly Plug
Squares								
3/8" SQUARE	Thin	0.375	0.012	0.399	✓		✓	
1/2" SQUARE	Thin	0.494	0.012	0.518	✓		✓	
9/16" SQUARE	Thin	0.557	0.013	0.583	✓		✓	
3/4" SQUARE	Thin	0.722	0.014	0.750	✓		✓	
7/8" SQUARE	Thin	0.837	0.014	0.865	✓		✓	
1-1/16" SQUARE	Thin	1.066	0.015	1.096	✓		✓	
1-1/8" SQUARE	Thin	1.096	0.015	1.126	✓		✓	
1-3/8" SQUARE	Thin	1.365	0.015	1.395	✓		✓	
1-1/2" SQUARE	Thin	1.488	0.018	1.524	✓		✓	
1-3/4" SQUARE	Thin	1.738	0.018	1.774	✓		✓	
2" SQUARE	Thin	1.985	0.020	2.025	✓		✓	
Rectangles								
7/16" X 3/4" RECT	Thin	.427 x .734	0.015	.457 x .764		✓		✓
7/16" X 1" RECT	Thin	.450 x .982	0.015	.480 x 1.012		✓		✓
5/8" X 15/16" RECT	Thin	.648 x .961	0.015	.678 x .991		✓		✓
5/8" X 1" RECT	Thin	.644 x 1.102	0.015	.674 x 1.132		✓		✓
13/16" X 1-1/4" RECT	Thin	.781 x 1.214	0.015	.811 x 1.244		✓		✓
1" X 1-9/16" RECT	Thin	.951 x 1.533	0.015	.981 x 1.563		✓		✓
1" X 1-11/16" RECT	Thin	1.046 x 1.663	0.015	1.076 x 1.693		✓		✓
1-1/8" X 2-1/8" RECT	Thin	1.065 x 2.072	0.015	1.095 x 2.102		✓		✓

Hanging Tubes

- Convenient, ready to hang tube packages are perfect for retail applications
- Also available without hang hole for packaging that will stand upright
- Length of tubes produced to customer's specifications



Actual Size
Round Punch
5/16" Round



Actual Size
Sombrero Punch
1-1/4" w x 3/8" h



Nominal Size	Inside Diameter	Wall Thickness	Outside Diameter	Vinyl Cap	Poly Plug	Flat End	Die Cut End	Die Cut End w/Round Punch	Die Cut End w/Sombrero Punch
1/4"	0.299	0.012	0.323	✓	✓	✓	✓		
3/8"	0.421	0.012	0.445	✓	✓	✓	✓	✓	
1/2"	0.548	0.012	0.572	✓	✓	✓	✓	✓	
5/8"	0.714	0.012	0.738	✓	✓	✓	✓	✓	
3/4"	0.808	0.012	0.832	✓	✓	✓	✓	✓	
7/8"	0.942	0.012	0.966	✓	✓	✓	✓	✓	
1"	1.095	0.012	1.119	✓	✓	✓	✓	✓	✓
1-1/4"	1.363	0.012	1.387	✓	✓	✓	✓	✓	✓
1-1/2"	1.644	0.012	1.668	✓	✓	✓	✓	✓	✓
1-3/4"	1.820	0.012	1.844	✓	✓	✓	✓	✓	✓
2"	2.070	0.014	2.094	✓	✓	✓	✓	✓	✓

Mailing Tubes

- Help offset increasing mailing costs with higher response rates
- Due to its unique shape, our mailing tubes get opened first and your message is read
- Stocked in four sizes for immediate delivery
- Additional diameters, wall thicknesses and lengths can be produced to create that "special" mailing



Nominal Size	Wall Style	Inside Diameter	Wall Thickness	Outside Diameter	Length	Vinyl Cap
1-1/2"	Heavy	1.636	0.022	1.680	8.750"	✓
1-1/2"	Heavy	1.636	0.022	1.680	11.500"	✓
2"	Heavy	2.054	0.028	2.110	8.750"	✓
2"	Heavy	2.054	0.028	2.110	11.500"	✓

Closure Styles

Plastic Clear Caps



- Allows for a completely transparent package
- Lightweight and Economical
- Stocked in Transparent Color

Poly Plugs



- Inexpensive & perfect for wide variety of packaging applications
- Appealing, practical & easy to insert and remove
- Stocked in Red, Black & Natural Colors
other colors available if time permits

Poly Hanger Plugs



- Perfect for retail hanging applications of lightweight or non-fragile items
- Attractive, inexpensive & easy to insert and remove
- Stocked in Red, Black & Natural Colors
other colors available if time permits

Vinyl Caps



- Tough & durable, ideal for packaging & mailing
- Protects with a secure, airtight seal
- Stocked in Red & Black
other colors available if time permits

Vinyl Hanger Caps



- Durable vinyl material with hanger for packaging on peg board or slat wall
- Tight friction fit offers excellent hold for heavy products
- Stocked in Black
other colors available if time permits

Custom Closures Also Available!

Please contact our sales team for information



General Info

Quality Policy Statement: Cleartec Packaging / MOCAP will manufacture, provide and deliver quality products and services to its customers, both internal and external, on time, every time.

Ordering Information: Orders are entered & scheduled once details of purchase orders have been completed and reviewed. Phone Orders must be accompanied by confirming written orders. We will not produce orders without a billing and shipping address.

Terms: Net 30 Days, subject to credit approval. We also accept Visa, MasterCard and American Express. Please visit www.CleartecPackaging.com for complete terms and conditions of sale.

Returns: All returns must be authorized by Cleartec Packaging / MOCAP. Unauthorized returns will not be accepted. Production run parts are not returnable, unless defective. Stock parts are subject to a \$50 restocking charge. All claims for returns must be made within 30 days from invoice date.

Over/Under Runs: Due to difficulty in producing exact quantities, all orders within 10% of quantity ordered must be considered complete. If over/under runs are unacceptable, we must be notified at the time the order is placed.

Samples: Cleartec Packaging / MOCAP recommends approval of samples before ordering, especially on production run parts. Returns will not be accepted if samples were refused.

Materials: The tubes and sealed bottom plugs are made from PETG (Polyethylene Terephthalate Glycol). The inner-fit plugs are made from PP (Polypropylene) and the exterior fit caps are made from PVC (Poly Vinyl Chloride). Note that not all materials are compatible with these plastics. The responsibility lies with the purchaser to determine that any product or material used with our plastics are compatible. While PETG is capable of being recycled is it necessary to check with your local recycling center for list of accepted materials.

Freight: All shipments are FOB Farmington, MO. Customer is responsible for choosing the carrier and associated freight costs. Freight quotes provided are estimates and the customer is responsible for any differences between estimates and actual charges from the carrier. We are not responsible for the delay of any freight carrier or safe carriage of goods. All goods are shipped at the buyer's risk. Goods insured by standard carrier coverage only.

Lead Time: Stock items typically ship within two to three days. Open ended tubes ship within three weeks. Sealed bottom tubes and hanging tubes ship within four weeks (subject to change). Secondary operations typically add one week.

We suggest testing our samples to determine your assembly rate. Heating our vinyl material by use of heat lamps, warm water, etc., will aid in the assembly of the caps, thus improving your rate. Please contact our sales department with any questions.

Tolerances

Nominal Size	Wall Style	Inside Diameter	Outside Diameter	Wall Thickness	Length
3/16" to 2-3/4"	Heavy	Reference	±.003	±.003	±.062
	Thin & Ultra Thin	±.003	Reference	±.003	±.062
3" to 3-1/2"	Heavy	Reference	±.005	±.003	±.062
	Thin & Ultra Thin	±.005	Reference	±.003	±.062
4"	Heavy	Reference	±.008	±.005	±.062
	Thin & Ultra Thin	±.008	Reference	±.005	±.062

Custom Tubing

If one of our standard sizes is not suitable for your application, we have the capability to produce custom tubing to meet the needs of any project. Whether your need is for a round, square, rectangular or other shaped tube, our complete, in-house tooling department will assist you in developing a part to your specifications. The tubing can also be manufactured in many transparent and opaque colors.

Other Applications

Cleartec tubing has many uses. Such applications include: a component part of your product, a feed tube in automated assembly operations or a core for wound products. The applications are unlimited.

Services

include printing on both the tubing and vinyl caps, punching, slicing, gluing or assembly. Let us help you with your packaging problems.





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