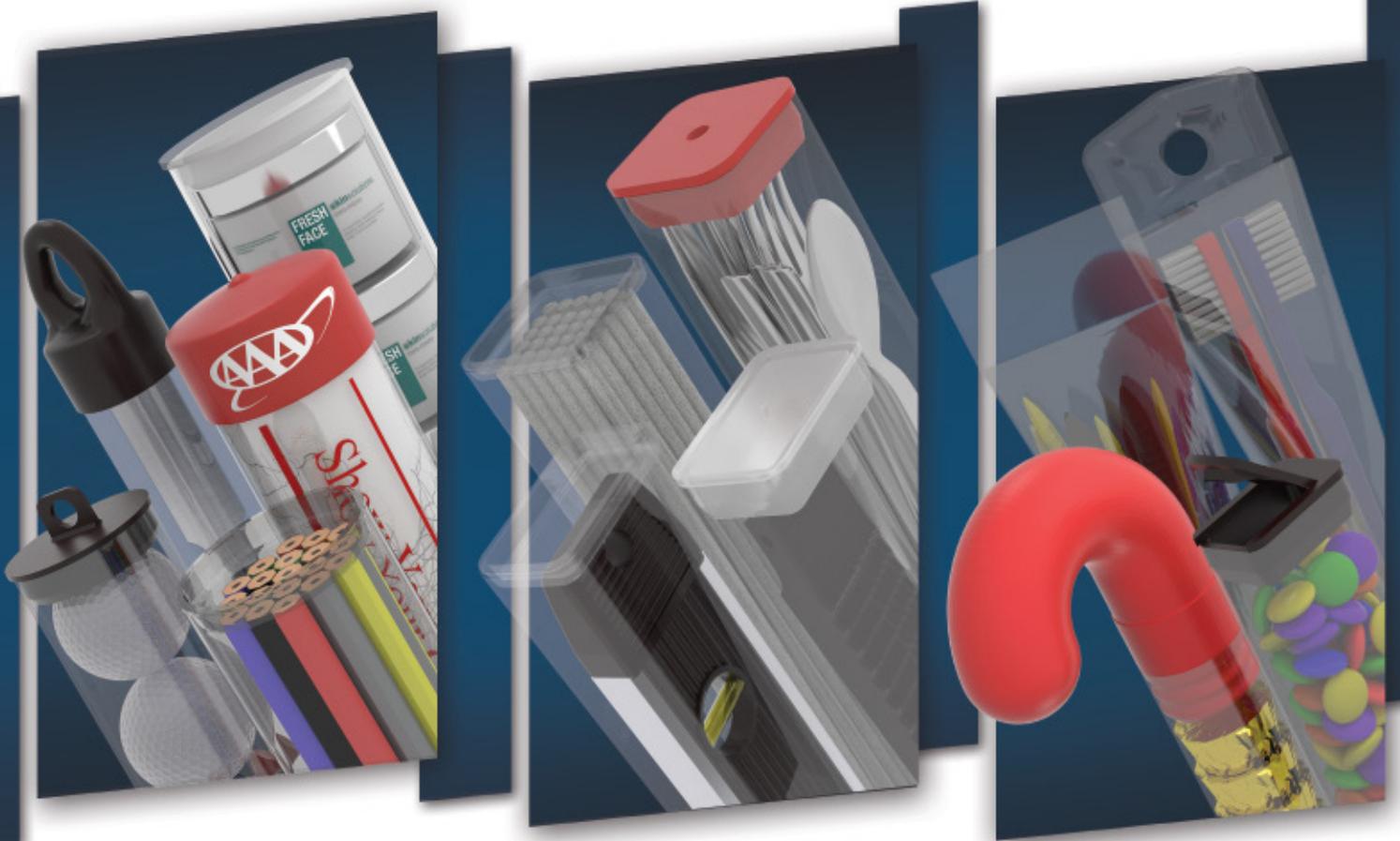




Packaging Solutions from **MOCAP**

The Clear Choice for Packaging



Clear Plastic Tubes & Containers
for
Retail Display, Packaging & Storage

Round Tubes & Containers

- Offering 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 and as open-ended tubes in many popular 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 Cap	Vinyl Cap	Vinyl Hanger Cap	Poly Plug	Poly Hanger Plug	Candy Topper
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	✓	✓	✓	✓	✓		

Please note the Sealed Bottom will occupy a portion of the tube length, the height of which is as follows: ✓ = 1/8" (.125"), ✓ = 3/16" (.188"), ✓ = 1/4" (.250")

Round Tubes & Containers



- Low minimum ordering quantities

- Variety of closure options available

- Free samples typically shipped within 24 hours

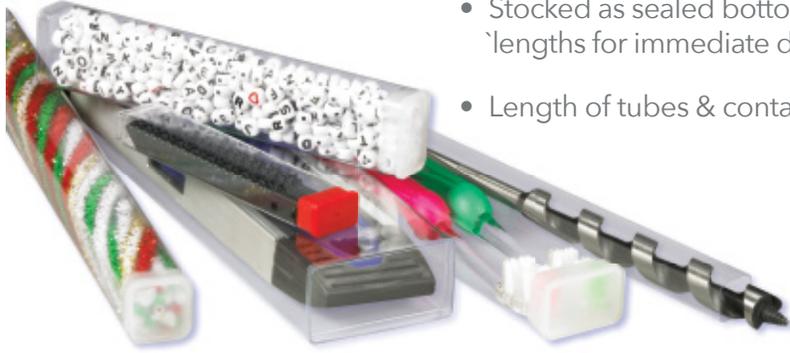
- Ideal for items such as Posters, Apparel, Cutting Tools, Craft Beads, Welding Rods, Gift Packs/Kits, Toys, Candy and *virtually anything else you can imagine!*

Nominal Size	Wall Style	Inside Diameter	Wall Thickness	Outside Diameter	Sealed Bottom	Plastic Clear Cap	Vinyl Cap	Vinyl Hanger Cap	Poly Plug	Poly Hanger Plug	Candy Topper
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	✓	✓	✓		✓		

Please note the Sealed Bottom will occupy a portion of the tube length, the height of which is as follows: ✓ = 1/8" (.125"), ✓ = 3/16" (.188"), ✓ = 1/4" (.250")

Square & Rectangle Tubes & Containers

- Our 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 and as open-ended tubes in many popular lengths for immediate delivery
- Length of tubes & containers produced to customer's specifications



FLIP TOP
CLOSURES
Now Available



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		✓		✓

Please note the Sealed Bottom will occupy a portion of the tube length, the height of which is as follows: ✓ = 1/8" (.125"), ✓ = 3/16" (.188"), ✓ = 1/4" (.250")

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*

* Min. Length = 4" | Max. Length = 17.5"
(top seal area + 1")



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	✓	✓	✓	✓	✓	✓

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

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

Vinyl Caps



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

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



Custom Closures Also Available!

Please contact our sales team for information



Ask About Our Holiday Toppers

Cleartec is now manufacturing a line of blow-molded Candy Cane Toppers, which offer a unique holiday package.

Special shapes and colors may also be available.



Please request samples to test within your application at sales@cleartecpackaging.com.

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

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"	✓



General Info

Quality Policy Statement: Through a culture of continual improvement, MOCAP/Cleartec strives to manufacture and provide quality products and services to its customers on time, every time.

Ordering Information: All orders must be submitted in writing. Orders are entered & scheduled once details of purchase orders have been completed and reviewed. 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 and clear caps 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 it is necessary to check with your local recycling center for a list of accepted materials.

Freight: All shipments are FOB our factory. 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: Includes printing on both the tubing and vinyl caps, punching, slicing, gluing or assembly. Ask about our label application services. Let us help you with your packaging needs.



Packaging Solutions from **MOCAP**

Cleartec Packaging is the clear choice for recyclable extruded semi-rigid clear plastic tubes and containers. Our clear plastic packaging system is a cost effective, high impact way to increase your products sales. Applications for our clear plastic tubes are unlimited. We can create a package from standard or custom components to meet your budget and design requirements

Clear Plastic Tubes & Containers for Retail Display, Packaging & Storage



Packaging Solutions from **MOCAP**

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