



## Our Mission

Our mission is to create optimum packaging solutions that help our customers meet their business challenges – no matter how demanding those challenges may be.

To do this, we focus every resource necessary to:

- Understand the customer's needs
- Design packaging that matches the customer's requirements for quality, innovation and value
- Deliver packaging on schedule and on budget every time
- Follow up after the sale to ensure customer satisfaction

**For more information**  
call +44 (0)1622 693200  
or visit our website at  
[WWW.VISIPAK.CO.UK](http://WWW.VISIPAK.CO.UK)

## VisiPak Puts the Customer First...



From the moment you first contact VisiPak, you get our full, personal attention to your project. Whether your job is for five hundred pieces or five million pieces, you have our commitment to do it right and to meet or exceed your expectations.

### Employs Top Technical and Support Professionals

To be the best, you have to hire the best. VisiPak has invested heavily not only in our world-class manufacturing infrastructure, but also in top technical and support professionals. With VisiPak, you have access to the industry's sharpest industrial designers, engineers and R&D specialists.



### Provides Custom Solutions

If we don't have the packaging you need in stock, we will create it for you. The VisiPak team will work from your designs or create entirely new ones according to your specifications. VisiPak experts handle all your technical requirements, including unique tooling, specialty dies and manufacturing equipment, and custom printing and labelling.



### Produces Globally

With manufacturing facilities spanning four continents, you are never far from a VisiPak product. Our global reach insures quick turnaround and fast delivery. Headquartered in St. Louis, MO, USA, we have locations in North America, Europe, Asia and Australia.



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A tube with two open ends. Available in both round or square shapes. Requires two plugs or caps. Choose from over 80 stock sizes or let VisiPak manufacture to your specifications in Heavy, Medium or Thin Wall options.



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A tube with a permanently sealed clear bottom available in both round and square shapes. Tubing can stand on end, be stacked, or hung. One plug or cap required. Choose from over 30 stock sizes or let VisiPak manufacture to your specifications.



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Increase your direct mail response rate and give your contents the attention they deserve. Choose over 30 stock sizes or let VisiPak manufacture to your specifications.



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This mail tube, offers completely clear caps and is extremely lightweight.



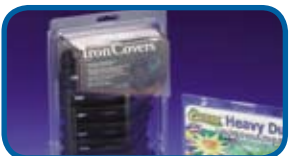
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A unique round tube with a flattened end that can be manufactured with or without a built-in hanger. This allows you to hang your product on a peg hook. Requires one plug or cap.



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Clearly a visual advantage, thermoformed packaging adds shape to the presentation of your product. Economical and easily customised.



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Folding clear plastic boxes that can be manufactured in a variety of styles, materials, and options. Full-Colour printing and other decorative applications are also available.



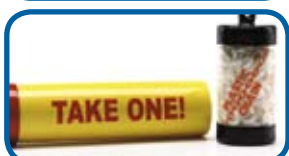
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## Tubes

Tube packaging is ideal for items such as apparel, toys, cutting tools, posters, welding rods, cosmetics, bath salts, beads, and virtually anything else you can imagine.

The rugged PETG material maintains its shape while being flexible enough not to split or crack under typical use. The plastic tubing provides an excellent barrier to moisture and can be made from FDA approved resins. These features, along with our industry leading cap options, offer a unique and economical package.

Round and Square Tubing in all styles and wall thickness options can be extruded to your desired length with low minimums, or choose from stock.



**We have tooling for thousands of additional sizes.**

## Round Tubes Cut to Length or Stock

Round Tube Sizes		Inside Diameter (Wall Thickness) <sup>1</sup>		Outside Diameter (Wall Thickness) <sup>1</sup>	
Approximate Size	Stock Lengths Available	Thin Wall	Medium Wall	Heavy Wall	Poly Plugs <sup>2</sup>
3/16"	✓		.210" (.012")	.234" (.020")	●
1/4"	✓		.299" (.012")	.323" (.022")	●
3/8"	✓		.421" (.012")	.445" (.022")	●
1/2"	✓		.548" (.012")	.572" (.022")	●
5/8"	✓	.718" (.012")	.714" (.014")	.742" (.022")	●
3/4"	✓	.814" (.012")	.808" (.015")	.838" (.022")	●
7/8"	✓	.952" (.012")	.942" (.017")	.976" (.022")	●
1"	✓	1.107" (.012")	1.097" (.017")	1.131" (.022")	●
1-1/8"	✓	1.223" (.012")	1.211" (.018")	1.247" (.022")	
1-1/4"	✓	1.375" (.012")	1.363" (.018")	1.399" (.022")	●
1-3/8"	✓	1.450" (.012")	1.438" (.018")	1.474" (.022")	●
1-1/2" Pull-Tab <sup>3</sup>		1.507" (.012")			
1-1/2"	✓	1.656" (.012")	1.644" (.018")	1.680" (.022")	●
1-5/8"	✓	1.722" (.014")	1.710" (.020")	1.750" (.028")	
1-3/4"	✓	1.832" (.014")	1.820" (.020")	1.860" (.028")	●
1-7/8"			1.930" (.017")		
2" Pull-Tab <sup>3</sup>		2.005" (.014")			
2"	✓	2.082" (.014")	2.070" (.020")	2.110" (.028")	●
2-1/4"	✓	2.332" (.014")	2.320" (.020")	2.360" (.028")	●
2-1/2" Pull-Tab <sup>3</sup>		2.500" (.014")			
2-1/2"	✓	2.582" (.014")	2.570" (.020")	2.610" (.028")	●
2-3/4"	✓	2.823" (.016")	2.815" (.020")	2.855" (.028")	●
3" Pull-Tab <sup>3</sup>		2.995" (.018")			
3"	✓	3.099" (.018")	3.085" (.025")	3.135" (.032")	●
3-1/2" Pull-Tab <sup>3</sup>		3.490" (.020")			
3-1/2"	✓	3.580" (.020")	3.570" (.025")	3.620" (.032")	●
4" <sup>4</sup>	✓	3.995" (.022")	3.987" (.026")	4.039" (.038")	
5" <sup>4</sup>	✓	4.980" (.025")	4.974" (.028")	5.030" (.038")	

<sup>1</sup>All sizes are approximate and subject to change based upon manufacturing tolerances. Please contact VisiPak for more details.

<sup>2</sup>Poly Plugs and Hanger Plugs fit Thin Wall and Medium Wall sizes only.

<sup>3</sup>Please specify "Pull-Tab" when referring to these sizes.

<sup>4</sup>Pull-Tab Plugs fit thin wall in 4" and 5" sizes.

### Made to Order Tubes    Stock Tubes

- Specific Length
- Low Minimums
- Cost Effective
- Most sizes available for immediate shipment
- 4 foot sections
- Over 80 diameters, thickness options, and lengths available
- Economical
- Easy to Cut



## Permaseal™ Sealed Bottom Containers

One of our most attractive packages, these plastic tube containers utilise a clear, flexible bottom that will not crack or split even under tremendous pressure. Only one plug or cap is required!

Permaseals are perfect for protecting delicate items or holding sharp, heavy objects. Permaseals can stand, stack, or hang using a variety of closure options.

Made from PETG or PVC material, Permaseal Paks are the highest quality packaging tube containers on the market. VisiPak's selection of sizes and wall thickness options are unmatched in the industry.

**Enhance your package with our finishing capabilities. See page 16.**

## Round Permaseal Cut to Length or Stock

Round Permaseal Sizes		Inside Diameter (Wall Thickness) <sup>1</sup>		Outside Diameter (Wall Thickness) <sup>1</sup>
Approximate Size	Stock Lengths Available	Thin Wall	Medium Wall	Heavy Wall
3/16"			.210" (.012")	.234" (.020")
1/4"	✓		.299" (.012")	.323" (.022")
3/8"	✓		.421" (.012")	.445" (.022")
1/2"	✓		.548" (.012")	.572" (.022")
5/8"	✓	.718" (.012")	.714" (.014")	.742" (.022")
3/4"	✓	.814" (.012")	.808" (.015")	.838" (.022")
7/8"	✓	.952" (.012")	.942" (.017")	.976" (.022")
1"	✓	1.107" (.012")	1.097" (.017")	1.131" (.022")
1-1/8"				1.247" (.022")
1-1/4"	✓	1.375" (.012")	1.363" (.018")	1.399" (.022")
1-1/2"	✓	1.656" (.012")	1.644" (.018")	1.680" (.022")
1-3/4"	✓	1.832" (.014")	1.820" (.020")	
1-7/8"			1.930" (.017")	
2"	✓	2.082" (.014")	2.070" (.020")	
2-1/4"	✓	2.332" (.014")	2.320" (.020")	
2-1/2"	✓	2.582" (.014")	2.570" (.020")	
2-3/4"	✓	2.823" (.016")	2.815" (.020")	
3"	✓	3.099" (.018")	3.085" (.025")	
3-1/2"		3.580" (.020")	3.570" (.025")	
4"		3.995" (.022")		
5"		4.980" (.025")		



### Made to Order Tubes

- Specific Length
- Low Minimums
- Cost Effective

### Stock Tubes

- Ready to Ship
- Over 30 diameters, thickness options, and lengths available.
- Economical
- Easy to Cut

Choose from our stock sizes or let us customise the length to accommodate your needs.



Available Cap Styles								
	Poly Plugs <sup>2</sup>	Clear Caps	Hanger Plugs <sup>2</sup>	Pull-Tab Plugs	Tuff Pak Caps	Hanger Caps	Anti-Roll Caps	EZ-On Caps
	•				•			
	•	•			•		•	
	•	•			•		•	
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Flexible permaseal bottom will not break.

<sup>1</sup>All sizes are approximate and subject to change based upon manufacturing tolerances. Please contact VisiPak for more details.  
<sup>2</sup> Poly Plugs and Hanger Plugs fit Thin Wall and Medium Wall sizes only.

## Mailing Tubes

VisiPak offers the most extensive selection of clear plastic mailing tubes at the best prices.

Industry resources note that the response rates for items sent in mailing tubes run five to eight times higher than those sent in standard envelopes. VisiPak's clear mailing tubes perform even better.

Furthermore, the clarity of the tubing makes it an excellent choice for addressing security concerns.

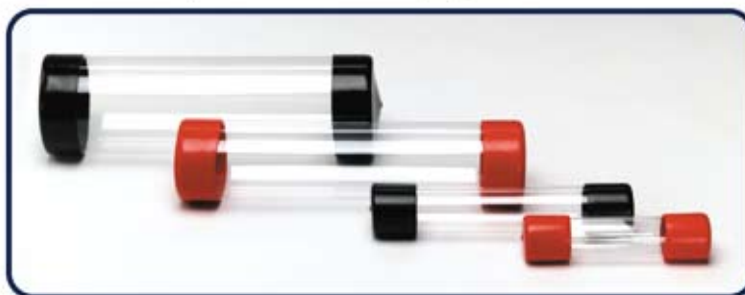


## Stock Mailing Tubes Tubevelopes™ - Stock



Approximate Size <sup>1</sup>	Tube Length	Bulk Part #	Bulk Pack Quantity	Tuff Pak Cap
1-1/4"	8.750"	646833	155	●
1-1/4"	12.000"	980627	160	●
1-1/4"	18.000"	183424	115	●
1-1/4"	24.000"	860973	70	●
1-1/2"	8.750"	404065	128	●
1-1/2"	12.000"	083480	115	●
1-1/2"	18.000"	622884	60	●
1-1/2"	24.000"	776492	60	●
2"	8.750"	532465	82	●
2"	12.000"	666491	72	●
2"	18.000"	047269	42	●
2"	24.000"	548929	32	●
2-1/2"	8.750"	476270	45	●
2-1/2"	12.000"	200838	45	●
2-1/2"	18.000"	870180	30	●
2-1/2"	24.000"	875241	40	●
3"	8.750"	744306	59	●
3"	12.000"	108070	49	●
3"	18.000"	330365	50	●
3"	24.000"	168806	21	●
3-1/2"	8.750"	446969	20	●
3-1/2"	12.000"	261343	25	●
3-1/2"	18.000"	723191	30	●
3-1/2"	24.000"	102156	25	●

<sup>1</sup>All Sizes are approximate. VisiPak tubes are slightly oversized. Please contact VisiPak for more details.



- Transparent plastic is ideal for coloured inserts
- Plastic tube is weather resistant
- Tuff Pak Caps are airtight and very secure eliminating the need to tape or staple caps and insuring they arrive at their destination intact
- Tuff Pak Caps are stocked in red and black, and can be manufactured in nearly any colour
- Mail tubes manufactured in any diameter, thickness, and length needed

## Lightweight Mail Tubes

Approximate Size <sup>1</sup>	Inside Diameter	Outside Diameter	Wall	Clear Caps
1-1/2"	1.656"	1.680"	.012"	●

<sup>1</sup>All Sizes are approximate. VisiPak tubes are slightly oversized. Please contact VisiPak for more details.



Please visit our website at [WWW.VISIPAK.CO.UK](http://WWW.VISIPAK.CO.UK) or contact VisiPak for additional product specifications, detail, in-stock items, and new products.

### 1-1/2" x 4" tube with clear caps.

- Can be made to any length and wall thickness; call for more information
- Increased response rates and lower per unit cost
- Always stacked on top of mail pile so they are seen and opened first
- Unique
- Weather resistant

## Lightweight Mail Tubes

Clear Cap Mailing Tubes are the latest addition to VisiPak's line of mailing and shipping solutions. Like all of our clear mailing products, the benefit of using these tubes is the ability to deliver a message before being opened. The clear end caps also eliminate security concerns and increase "open rates" by allowing recipients to see inside.

The one-inch tall, vented clear cap was designed specifically for the VisiPak tube and does not require tape, staples or other security methods to make it through the mail system. They are weather resistant and simple to assemble.

The lightweight tube is perfect for mailers, automotive sales promotions, financial solicitations, and other campaigns.

## Hang Tubes

Convenient, ready to hang tube packages are perfect for retail use yet tough enough for industrial packaging applications. Our innovative design has a hanger tab built into the sealed end of the package. Only one cap is required!

If you would like to stand the tubes upright, we can seal the tube without a punch and provide plugs or caps to accommodate this option.



Please visit our website at [WWW.VISIPAK.CO.UK](http://WWW.VISIPAK.CO.UK) or contact VisiPak for additional product specifications, detail, in-stock items, and new products.



## Hang Tubes

Standard Sizes				Available Cap Styles			
Approximate Size	Inside Diameter <sup>1</sup>	Outside Diameter <sup>1</sup>	Wall	Poly Plugs	Clear Caps	Tuff Pak Caps	Anti-Roll Caps
1/2"	.548"	.572"	.012"	●	●	●	●
3/4"	.808"	.832"	.012"	●	●	●	●
1"	1.097"	1.121"	.012"	●	●	●	●
1-1/4"	1.363"	1.387"	.012"	●	●	●	●
1-1/2"	1.644"	1.668"	.012"	●	●	●	●
1-3/4"	1.820"	1.844"	.012"	●	●	●	
2"	2.070"	2.098"	.014"	●	●	●	

<sup>1</sup>All sizes are approximate and subject to change based upon manufacturing tolerances. Please contact VisiPak for more details.

- Hang Tubes can be made with or without a hole punch for hanging
- Available in lengths from 6" to 40"
- Round hanger hole available for all sizes
- Butterfly hanger hole available for 1-1/4" through 2" sizes
- Works well in conjunction with labels or inserts to create a dynamic package

**Enhance your package with our finishing capabilities.**  
See page 16.

## Golf Ball Container

Stock

Standard Sizes					
Approximate Size	Inside Dimension <sup>1</sup>	Overall Length	Usable Length	Package Quantity	Golf Ball Plug
2 Ball Container	1.750"	3.750"	3.375"	100	●
3 Ball Container	1.750"	5.500"	5.125"	100	●
1 Ball w/ tees Container	1.750"	4.375"	4.000"	100	●
2 Ball w/ tees Container	1.750"	6.125"	5.750"	100	●
3 Ball w/ tees Container	1.750"	7.875"	7.500"	100	●

<sup>1</sup>All sizes are approximate and subject to change based upon manufacturing tolerances. Please contact VisiPak for more details.



- Golf Ball Containers feature one permanently sealed clear bottom
- Plastic plug has a thumb tab for easy removal
- Tubes and plugs ship together to save on shipping costs

## Donation Container

Stock

Standard Sizes					
Approximate Size	Inside Dimension <sup>1</sup>	Overall Length	Usable Length	Package Quantity	2-Slotted Poly Plug
2-3/4"	2.815"	6.000"	5.500"	25	●
5"	4.980"	8.000"	7.000"	15	●

<sup>1</sup>All sizes are approximate and subject to change based upon manufacturing tolerances. Please contact VisiPak for more details.



- Removable lid allows for repeated use
- Tamper resistant/evident bands included with each container to increase security if needed
- Clear container encourages donations
- Insert your own graphics or VisiPak can print the containers for a nominal fee
- No sharp metal edges unlike typical donation cans
- Ships fully assembled

## Golf Ball Container

VisiPak Golf Ball Tubes give your promotional campaign the additional impact it deserves. The crystal clear tubes protect and display balls and tees and are easily printed with your logo or artwork.

## Donation Container

If your fund raising project is in need of donation containers, then you will love these clear plastic donation cans. All donation containers are made from a durable clear plastic with a clear unbreakable vinyl bottom. The top plug contains two slots so that one can be used for holding a stand-up message card while the other safely receives the donation.

## Thermoforming/ Clamshells

Clearly a visual advantage, thermoformed packaging adds shape to the presentation of your product. The clear clamshell allows your product and printed materials to show through. Economical and easily customised, a thermoformed package will protect your product as it displays its most precise details.



### Benefits

- Low cost tooling
- Protects and promotes the most precise details
- Great design flexibility
- In-house design team
- Secured product for added protection
- Nesting feature lowers costs on shipping and storage

### Wall Thickness

The range of material thickness available is .007" to .047".

### Materials

PVC and PET are the most commonly used materials.

### Styles

- Clamshells
- Blister Paks
- Trays



### Benefits

- No tooling charges
- "Soft Crease" technology allows for easy assembly of boxes and lower assembly costs
- Available in PVC, PET and Polypropylene material
- Economical shipping costs as boxes ship flat
- Numerous folding and hanging features available
- Minimums are typically 5,000 pieces depending on material and dimensions

### Wall Thickness

Plastic boxes can be made in wall thickness options from .010" to .024" to accommodate a wide variety of applications.

### Materials

Choose from PVC, PET or Polypropylene.

### Printing Options

One of the primary benefits of using VisiPak clear boxes is that packaging graphics can be applied directly to the box. This eliminates the need for labels or header cards. Boxes are typically printed on the inside to protect the graphics during transit, but they can be placed on the outside of the box if desired.

Choose from one of our four printing methods or incorporate multiple processes into one package for added effect:

- Offset Printing
- Silk-Screen Printing
- Foil Stamping
- Frosting Effect

## Clear Plastic Boxes/ Clear Folding Cartons

Attractive and economical, these clear folding cartons are the perfect choice for combining the clarity of a clamshell or blister package with the graphics of a traditional box. All products utilise our proprietary creasing technology to ensure an Easy fold and can be made in a variety of shapes and styles.

Full-Colour printing and other decorative applications are also available.



## Gift Paks

Gift Pak tubes make playful and inviting retail packages for merchandising a large number of gift items. Fill them with candy, golf balls, jelly jars, bath salts, or similar type products. The plastic tube can literally transform your product from an every day item into a gift.

## Compartment Paks

A truly unique package design that allows you to separate a variety of products in one container. Individual compartments can be extruded in a straight or twisted manner and at any length.



With Compartment Paks you can separate up to four varieties of your unique product.

## Gift Paks

Standard Sizes					
Approximate Size	Inside Dimension <sup>1</sup>	Outside Dimension <sup>1</sup>	Wall	Minimum Quantity	Candy Cane Top
1-3/4"	1.790"	1.814"	.012"	5,000	●

<sup>1</sup>All sizes are approximate and subject to change based upon manufacturing tolerances. Please contact VisiPak for more details.

## Compartment Paks

Standard Sizes	Available Cap Styles				
Approximate Size <sup>1</sup>	Clear Cap	Tuff Pak Cap	Anti-Roll Cap	EZ-ON Cap	Hanger Cap
1"	●	●			●
1-1/2"	●	●	●	●	●
1-3/4"	●	●			●
2"	●	●	●	●	●
2-1/2"	●	●			●

<sup>1</sup>All sizes are approximate and subject to change based upon manufacturing tolerances. Please contact VisiPak for more details.



### Available styles:

- Dual-Paks
- Tri-Paks
- Quad-Paks
- Custom



### Poly Plug

- Low cost Poly Plugs are ideal for many retail packaging applications
- Available in hexagonal or round ends
- Packages can be stacked
- Hexagonal stocked in black; other colours are available



### Hanger Plug

- Hanger Plugs are an excellent solution when you want to hang your product or have limited shelf space
- The Hanger Plug works well with our thin wall and medium wall tubing
- Hanger Plugs are stocked in natural, white, red, and black; other colours are available
- Great closure for our sealed-end Permaseal tubing



### Clear Cap

- Clear caps are the ideal solution for applications requiring a completely clear package
- These lightweight caps slide on easily yet hold tight
- Stocked in clear; other tints available



### Pull-Tab Plug

- These friction fit plugs snap into place and contain an inner tab for easy removal
- Stocked in white; other colours are available



### Tuff Pak Cap

- These rugged vinyl caps are perfect for all types of packaging and mailing applications
- Vinyl material will not crack or split and provides a secure, air-tight seal to protect the contents of the tube
- Stocked in red and black; other colours are available



### Hanger Cap

- Hanger Caps feature the same rugged construction as our Tuff Pak caps with an added hanging feature
- Perfect for retail applications including heavy products that require the hanging of a packaging tube
- These caps have a tight friction fit eliminating the need for adhesives to keep the cap in place
- Hanger Caps are stocked in red and black; other colours are available



### Anti-Roll Cap

- Anti-Roll Pak caps feature the same rugged construction as our Tuff Pak caps with an added Anti-Roll feature
- Anti-Roll Caps are stocked in red; other colours are available



### EZ-On Cap

- E-Z On Caps are yet another representation of the vinyl Tuff Pak cap with a special design feature that aids the user when placing the cap on a tube
- The beveled style increases the ease of assembly reducing production time
- Contents of the tube can be displayed vertically as the cap's design facilitates standing upright

## Finishing Operations

VisiPak's in-house finishing department can print, cut, attach, punch, fill, or assemble just about anything to our tubing.

Please challenge us with your ideas and let VisiPak provide the solution. A few of our more common requests are listed below.

### Our Finishing capabilities include:

- Printing
- Punching
- Assembling
- Labelling
- Shrink Banding
- Slicing
- Striping
- Co-Extrusion
- Colour Matching
- Contract Packaging

For artwork guidelines please visit our Information Center at [WWW.VISIPAK.CO.UK](http://WWW.VISIPAK.CO.UK)

### Printing

One-colour silkscreen printing is often the most economical choice for many packaging applications. If you need more complex graphics use our flexographic packaging labels.



### Labelling

At VisiPak, we understand that the most important advertising for your product is often the packaging itself. That's why we offer an array of professional flexographic printing and labelling resources to ensure you get the quality look you want.



**We also have the ability to apply your label at our in-house labelling center.**

### Punching/Slicing

VisiPak can perform many finishing operations to complete your unique idea including punching or slicing our tubes and caps. Our in-house tooling department and design engineers will be happy to work with you to make your package truly unique.



## Tolerance Information

Tubing Tolerances				
Thin and Medium Wall	OD +/-	ID +/-	Wall +/-	Length +/-
3/16" to 2-3/4"	Ref.	0.003	0.003	0.062
>2-3/4" to 3-7/8"	Ref.	0.005	0.005	0.062
>3-7/8" to 4-1/2"	Ref.	0.008	0.008	0.125
>4-1/2"	Ref.	0.012	0.008	0.125
Heavy Wall	OD +/-	ID +/-	Wall +/-	Length +/-
3/16" to 2-3/4"	0.003	Ref.	0.003	0.062
>2-3/4" to 3-7/8"	0.005	Ref.	0.005	0.062
>3-7/8" to 4-1/2"	0.008	Ref.	0.008	0.125
>4-1/2"	Ref.	0.012	0.008	0.125
Cap Tolerances				
Cap Style			Wall +/-	Length +/-
Vinyl Caps			0.010	0.062
Clear Box Tolerances				

Note: All dimensions are in inches.

Dimensions cannot be produced in increments smaller than 1/32". Tolerances on all dimensions are +/- .020". When providing dimensions, please specify inside or outside measurements so the wall thickness can be properly calculated.

## Material Specifications

These figures below represent industry standard specifications and should be used for relative comparison. Please contact VisiPak for actual specifications and tolerances before applying to an engineered print.

Property	Unit	ASTM	PETG	Butyrate	Propionate	RPVC	Poly-carbonate	Poly-propylene	LDPE	HDPE
Optical										
Light Transmission	%	-	90	90	90	75	84-91	Opaque	Opaque	Opaque
Refractive Index		D542	1.576	1.5	1.46 - 1.49	1.5	1.6	1.5	1.5	1.5
Physical										
Melt Flow Rate (Melt Index)	g/10 min.	D1238	1.19	N/A	N/A	-	6	1.9	20	0.35
Specific Gravity	-	D792	1.27	1.19	1.2	1.32	1.2	0.91	0.92	0.95
Mechanical										
Tensile Strength at Yield	psi	D638	7300	4800	4600	6500	9000	4100	1600	3700
	Mpa	-	50.3	33.1	31.7	44.8	62	28	11	25.5
Elongation at Break	%	D638	110	50	45	-	150	30->200	90	740
Flexural Modulus of Elasticity	10 <sup>5</sup> psi	D790	3	2	2.1	3.8	3.5	1.4	.12 - .3	1.2
	Mpa		2067	1378	1447	2618	2412	965	83 - 207	827
Izod Impact Strength	Ft.Lbs./in.	D256	1.9	2.6	7.8	8-10	17	1	NB	1.8
	J/m		101	139	417	267	908	53	NB	96
Thermal										
Deflection Temperature (DTUL)	@264psi (Celcius)	D648	147(64)	165(74)	167(75)	162(72)	265(129)	131(55)	-	NA
Flamability Rating (UL94)	@0.125"	-	94V-2	94HB	N/A	V-0	V-2	-	-	-
	@0.625"	-	94HB	94HB	94HB	N/A	V-2	-	-	94HB
Use Temperature Range	Degrees F		0 - 148	0 - 190	0 - 190	Sub 0 - 180	-100 - 250	0 - 212	-60 - 180	-40 - 212
Barrier										
Gas Permeability										
C02	cm <sup>3</sup> *mil/100in <sup>2</sup> *24h	D1434	125	9700	9000	20 - 50	-	-	1000 - 2000	40 - 60
O2	cm <sup>3</sup> *mil/100in <sup>2</sup> *24h	D3985	25	970	800	5 - 20	200 - 300	450	250 - 350	100 - 200

## Meet the Sinclair & Rush Family of Companies

Sinclair & Rush has been manufacturing products since 1950 and continues to supply quality products throughout the world.

Known as a premier supplier to other leading manufacturers, Sinclair & Rush companies continue to search for new technologies, create new materials and find applications that promote value for our customer's products.



United Kingdom Manufacturing Plant



Arnold, Missouri USA  
Manufacturing Plant



Kirkwood, Missouri USA

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### Clarification of Orders

Orders are scheduled when clarification of purchase orders has been completed. Phone orders must be accompanied by confirming orders. VisiPak will not produce orders without an invoicing and delivery address.

### Standard Lead Times

With approved credit, stock products typically ship within one day. Production orders ship within 3 weeks. Products requiring secondary operations like Hang Tubes and Permaseals take 4-5 weeks. Clear boxes and thermoformed products typically run about 8 weeks from sample approval. We offer expediting services for a fee.

### Minimums

For standard tubing sizes the minimum order quantity is typically 150 to 1,800 feet based upon diameter. Most stock items have one box minimums. Please consult sales for more information.

### Samples

VisiPak recommends approval of samples before ordering, especially on production run parts. Returns will not be accepted if samples were refused.

### Fit

Determining the fit of the product into the package is ultimately the responsibility of the purchaser when choosing the diameter, thickness, and length of the packaging. Our sales staff will be happy to assist you with your requirements.

### Cancellations

No cancellations without the approval of VisiPak.

### Credit Terms

Net 30 days subject to credit approval. MasterCard and Visa accepted.

### Freight (claims, breakage or shortages)

Customer is responsible for choosing the carrier and associated freight costs. Quotes provided by VisiPak 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.

### Overruns & Under Runs

Due to the manufacturing process we reserve the right to deliver and invoice up to 10% above or below the quantity ordered.

### Returns

Returns will not be accepted without a Return Authorisation number provided by VisiPak. Restocking charges will apply in certain instances. Production run parts are not returnable unless defective. Tubing is not returnable unless defective. Returns must be made no more than 60 days after the order delivery date.

### Material

VisiPak uses PETG plastic in the production of its tubing. Not all materials are compatible with PETG plastic. The responsibility lies with the purchaser to determine their product's compatibility with PETG. Our vinyl products do not meet the Food and Drug Administration requirement of 21CFR2177 for contact with food.

## General Ordering Information

At VisiPak customer service is very important. We provide world-class service and support for our clients by:

- Being flexible and adaptable to our clients' needs
- Blending creativity with cost/benefit analysis
- Approaching everything with a professional attitude
- Being a resource for ideas and information



See our Frequently Asked Questions in the Information Center at [WWW.VISIPAK.CO.UK](http://WWW.VISIPAK.CO.UK)

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