



VIVA

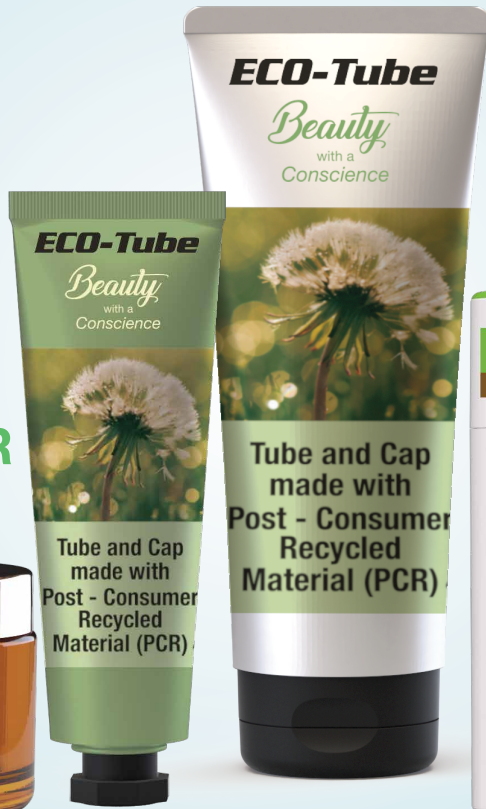
TORONTO WARSAW HONG KONG

High Percentage PCR Solutions

Sustainable and Beautiful

Up to 90% PCR

IML PP Tubes & Caps



Up to 100% PCR

IML PP Deodorant Sticks



Up to 100% PCR

Heavy Wall PET Jar



Viva tubes satisfy the APR Design Guide for Recyclability

Crystal Clear or opaque PET jars



www.viva-healthcare.com



VivaHealthcarePackaging



Viva



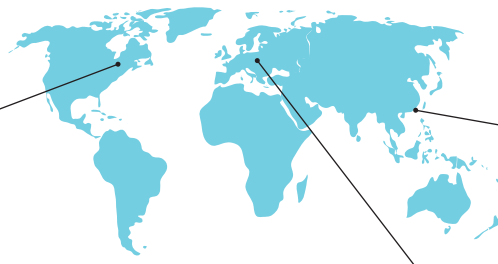
Viva_packaging

About VIVA

Global Manufacturing



Toronto, Canada (2 plants)



Hong Kong, China



Warsaw, Poland

Viva Certifications

BRC Global Standard for Packaging and Packaging Materials

GMI Certification for Walgreens

Nintendo Green Manufacturer

Sony Green Partner Program

ISO9001:2015

C-TPAT

Fully Integrated Manufacturing & In-house Processes

DESIGN & PROTOYPING



- State-of-the-art design and simulation software
- 3D-printing prototype
- Prototype mold design and fabrication
- Production mold design and fabrication
- Design and build of automations

INJECTION-MOLDING



- IML Tubes and Caps
- IML Deodorant Sticks
- Thick-wall PET Jars and Caps
- Cosmetics Bottles and Accessories
- Droppers

IN-MOLD LABELING



- Label film extrusion
- Esko artwork processing
- Printing plates (HD Flexo, offset, silkscreen)
- Label lamination for custom décor finishing
- Gallus printing press

DECORATING



- Gallus printing for IML Tubes, Deo Sticks, PET Jar
- Hotstamp and silkscreen for Cosmetics Bottles
- Tapematic PST metallization and coating

IML Tube - Tube and Label Structure

Process : Injection-molding with in-mold labeling

Tube Material:

- Polypropylene (FDA approved)
- PCR options (FDA approved)

Cap Material:

- Polypropylene (FDA approved)
- PCR options (FDA approved)

In-mold Label Substrates / Barrier:

- Monolayer Polypropylene standard barrier properties
- EVOH barrier equivalent to PBL (0.6cc/m²/day)
- Foil barrier equivalent to PBL (0.8cc/m²/day)
- Aluminum (ABT) barrier equivalent to ABL (0.06cc/m²/day)

Gallus IML Printing:

- Flexo / Offset / Silkscreen • Up to 12 color printing
- Cold foil / Hotstamping • Full flood cold foil or knockout
- Matte, gloss, soft touch • Spot varnish or full flood coat
- Holographic • Standard or custom holographic pattern





Digital IML Printing:



- Suitable for mockup samples or short production run
- Up to 7 color printing
- Offline varnish printing or lamination
- Offline hotstamping / cold foil



Round Tubes

 <p>D19 (3/4")</p>	 <p>Orifice~ 1.2, 2, 3, 5mm</p>	 <p>19mm Diameter</p> <p>Lip ~1.3, 2mm</p> <p>Nose 1 ~1.2mm</p> <p>Nose 2 ~1.3, 3mm</p> <p>Nose 3 ~ 4, 5, 6, 7mm</p>	
 <p>D25 (1")</p>	 <p>Orifice~ 1.5, 3, 5mm</p>	 <p>19mm Diameter</p> <p>Orifice ~ 1.2, 2, 3, 5mm</p> <p>Lip ~ 1.3, 2mm</p> <p>Nose 1 ~1.2mm</p> <p>Nose 2 ~1.3, 3mm</p> <p>Nose 3 ~ 4, 5, 6, 7mm</p>	
 <p>D25 Round Shoulder (1")</p>	 <p>17mm Width</p> <p>Orifice~ 5mm</p>		
 <p>D30 (1-3/16")</p>	 <p>Orifice~ 1.5, 3.5mm</p>	 <p>21mm Width</p> <p>Orifice~ Max 4mm</p>	
 <p>D35 (1-3/8")</p>	 <p>Orifice~ 1.5, 3.5, 5, 6mm</p>	 <p>21mm Width</p> <p>Orifice ~ 1.2, 2, 3, 5, 8mm</p>	 <p>35mm Diameter</p> <p>Nose 1 ~1.2mm</p> <p>Nose 2 ~3mm</p> <p>Nose 3 ~4, 5, 6, 7mm</p>  <p>Snap On Orifice ~ 1.5, 3, 5, 6mm</p>
 <p>D38.5 (1-1/2")</p>	 <p>Orifice~ 1.5, 3, 5, 6mm</p>	 <p>21mm Width</p> <p>Orifice ~ 1.2, 2, 3, 5, 8mm</p>	 <p>35mm Diameter</p> <p>Nose 1 ~1.2mm</p> <p>Nose 2 ~3mm</p> <p>Nose 3 ~4, 5, 6, 7mm</p>  <p>Snap On Orifice~ 1.5, 3.5, 5, 6mm</p>
 <p>D48.5 (2")</p>	 <p>Orifice~ 1.5, 3, 5, 6mm</p>	 <p>Orifice ~ 2, 3, 5, 10mm</p>	 <p>Snap On Orifice ~ 1.5, 3, 5, 6mm</p>

 <p>D55 (2-3/16")</p>	 <p>Orifice~ 3, 5, 6mm</p>	 <p>48.5mm Diameter</p>  <p>Orifice~ 14mm</p>
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 <p>D60 (2-3/8")</p>	 <p>Orifice~ 3, 5, 6mm</p>
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Oval Tubes

  <p>D30 Flat Oval</p>	 <p>Orifice~ 1.5mm, 2mm</p>
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  <p>D30 Round Oval</p>	 <p>Orifice~ 1.5mm</p>
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  <p>D35 Round Oval</p>	 <p>Orifice~ 3mm</p>
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  <p>D38.5 Round Oval</p>	 <p>Orifice~ 2.6mm</p>	 <p>Orifice~ 1.5, 3, 5, 6mm</p>
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  <p>D48.5 Round Oval</p>	 <p>Orifice~ 2.6mm</p>	 <p>Orifice~ 3, 5, 6mm</p>
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Scalp Tubes

- Tube size: D38.5, D48.5
- Scalp Applicator provides easier direct-to-scalp application
- Custom applicator color
- PCR up to 87% for tube and 100% for cap & applicator
- IML decoration on tube body



Applicator



Diameter (mm)	Max Length (mm)	Max Fill (oz)	Max Fill (ml)
D38.5	182	5.50	160
D48.5	188	9.00	265

Deodorant Tubes

- Tube size: D38.5
- Custom deodorant applicator (default: 3-slots, 1 hole)
- Hard applicator (PP) or soft applicator (TPE) options
- PCR up to 87% for tube and 100% for cap and applicator
- IML decoration on tube body



Diameter (mm)	Max Length (mm)	Max Fill (oz)	Max Fill (ml)
D38.5	174	5.25	155

Powder Tubes

- Tube sizes: D35, D38.5, D48.5
- Switch cap - Easy to switch the cap open and closed
- Measuring cup - Convenient and handy for desired dosage
- PCR up to 87% for tube and 100% for cap and applicator
- IML decoration on tube body



Switch Cap



Measuring Cup



Diameter (mm)	Max Length (mm)	Max Fill (oz)	Max Fill (g)
D35	146	1.76	50
D38.5	174	2.82	80
D48.5	206	5.29	150

Dual Chamber Tubes

- Tube size: D48.5 (2") diameter
- Capacity: 236ml (8oz) 4oz per side (maximum fill)
- Cap: Fliptop, single or double flip



2 Compartments (equal volumes)



2 Flips, 2 orifices
Orifice~ 1.5, 3, 5mm



1 Flip, 2 orifices
Orifice~ 1.5, 3, 5mm

Diameter (mm)	Max Length (mm)	Max Fill (oz)	Max Fill (ml)
D48.5	188.5	4 + 4	118 + 118

Airless Pump Tubes

- Tube sizes:
 - D19 – Lotion, Spray airless pump
 - D25 – Lotion airless pump
 - D35 – Lotion airless pump
 - D38.5 – Lotion airless pump
- Dispensing dosage: 0.2cc



Diameter (mm)	Max Length (mm)	Max Fill (oz)	Max Fill (ml)
D19	100	0.75	20
D25	130	2.00	60
D35	146	3.50	105
D38.5	200	6.25	185

Applicator Tubes

D19 Polypropylene Applicators



Lip balm tip
Part : Lip



1.2mm Nose tip
Part : Nose 1



1.3mm / 3mm Nose tip
Part : Nose 2



7mm Nose tip
Part : Nose 3

Special Closures & Tamper-evident Options

Special Closures



Metalized Cap



Metal Overshell Cap



Metal Shell Cap



Custom grain-finishing cap



Hotstamped Ring



Octagonal Cap



Vented Low Profile Cap
• D48.5 (21mm height)



Fliptop cap with valve
(D48.5, D55)

Tamper-evident Options



Induction Seal



Foil Seal



Transparent Seal



Tamper-proof
Fliptop Cap



Tamper-proof
Shrink Sleeve

Tube Volume to Size Chart

Types		D19	D25	D30	D35	D40	D48.5	D55	D60
Actual Diameter (mm)		19	25	30	35	38.5	48.5	55	60
Actual Diameter (Inch)		3/4	1	1-3/16	1-3/8	1-1/2	2	2-3/16	2-3/8
Shape		Round	Round	Round/Oval*	Round/Oval*	Round/Oval*	Round/Oval*	Round	Round
fl. oz.	mL	Tube Body Length (mm)							
0.34	10	60							
0.40	12	70							
0.50	15	80							
0.57	17	90	60						
0.75	20	100	70						
0.85	25		80						
1.00	30		90	75					
1.25	35		100	85					
1.50	45		110	100	90				
1.75	50		120	105	95				
2.00	60		130	120	105				
2.25	65			130	110				
2.50	75				120	100			
2.75	80				125	105			
3.00	90				135	115	90		
3.25	95				140	120	95		
3.50	105				146	130	100		
3.75	110					135	105		
4.00	120					145	110		
4.25	125					150	115		
4.50	130					155	120		
4.75	140					160	125		
5.00	145					165	130		
5.25	155					174	135		
5.50	160					180	140		
5.75	170					190	145		
6.00	175					195	150		
6.25	185					200	155		
6.75	200						160		
7.00	205						165	125	
7.50	220						170	135	
8.00	235						176	145	
8.50	250						180	150	
9.00	265						190	160	140
9.50	280						200	165	145
10.00	295						206	170	150
10.50	310							180	155
11.00	325							185	160
11.50	340							195	165
12.00	355							200	170
12.50	370							206	175
13.00	385								180
14.00	415								190
15.00	445								200
15.50	460								206

Note: Tube data above are only for your reference and final size to be determined by customer.

You may request any specific length for your required tube capacity and diameter.

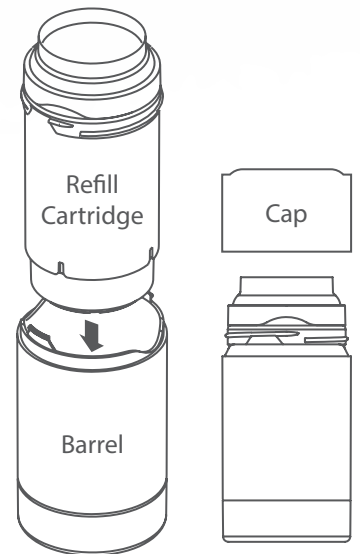
*To calculate oval tube length for a particular fill volume, add 15mm to the round tube length, up to the same maximum length as the round tube.

IML Deodorant Sticks

In-mold Label Decoration Refill Cartridge System



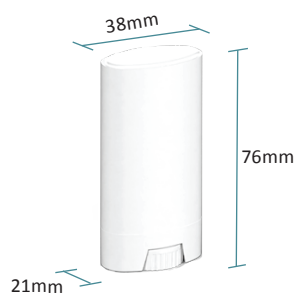
- High definition in-mold label (IML) decoration with 360° coverage on both cap and barrel
- 100% mono-material polypropylene design to support the circular economy (Class 5)
- Available in 100% Post Consumer Recycled (PCR) resin
- Meets The Association of Plastic Recyclers (APR) Design Guide requirements for recyclable packaging
- Refill options include a 50% reduction in resin
- Custom colors and special finishes
- Flexible fill volumes



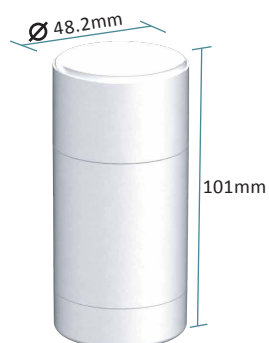
Refill Cartridge System (RCS) available for each configuration



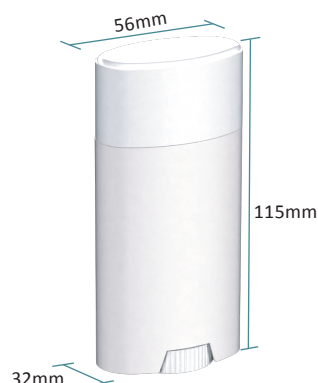
Mini Oval Stick



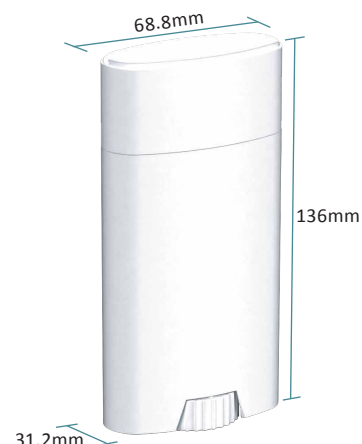
Round Stick



Standard Oval Stick



Wide Oval Stick



Specifications

Category	Refill Options	Product Code	Product	Fill Process	Fill Range		Top Fill Soft Solid Applicator
					gram (g)	ounce (oz)	
Standard Oval (DS)	Non-refill	DS01N-SB	Solid	Bottom	50, 60, 75	1.76, 2.12, 2.65	N.A.
		DS01N-ST	Solid	Top			N.A.
		DS01N-CT	Soft Solid	Top			
	Refill	DS01R-SB	Solid	Bottom	60	2.12	N.A.
		DS01R-CT	Soft Solid	Top			
Wide Oval (DW)	Non-refill	DW01N-SB	Solid	Bottom	75, 90, 100, 115	2.65, 3.17, 3.53, 4.06	N.A.
	Refill	DW01R-SB	Solid	Bottom	100	3.53	N.A.
Round (DR)	Non-refill	DR01N-SB	Solid	Bottom	60, 75	2.12, 2.65	N.A.
		DR01N-CT	Soft Solid	Top	60, 70	2.12, 2.47	
	Refill	DR01R-SB	Solid	Bottom	60, 75	2.12, 2.65	N.A.
Mini Oval (DM)	Non-refill	DM01N-ST	Solid	Top	13	0.45	N.A.

- Volumes and capacities are for reference only and should be confirmed using actual specific density of the formula and testing with formula and production filling equipment
- Flexible fill levels available for each size
- Fill volumes are measured from platform top to the barrel top edge

Jar

Refillable Jar


- Crystal clear PET outer jar body
- Polypropylene inner refill cartridge & lid
- Inner refill cartridge can be replaced easily
- Topette and foil seal can be applied onto inner refill cartridge for tamper-evident



Topette

Inner Refill
Cartridge

Thick-wall PET Jar

- Glass-like clarity
- 100% recycle ready PET 
- PCR options for jar and cap
- No crystallization
- Jar sizes include: 7ml, 15ml, 30ml, 50ml, 75ml, 100ml



Decoration Options

- Heat Transfer Label (HTL) printing by in-house Gallus press
- HTL in-house application



Heat Transfer Labeling (HTL)

Cap Options

- Full Coverage Hotstamping
- Vacuum Metallization



Full Coverage Hotstamping

Vacuum Metallization

Sealing Options

- Induction Seal
- Topette



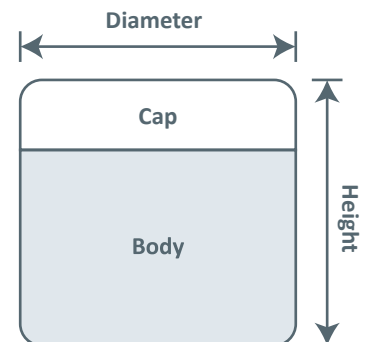
Induction Seal



Topette

Specifications

Size	Diameter (mm)	Height (mm)	Max fill (oz)	Max fill (ml)
7ml	36	28.9	0.23	7
15ml	41.6	33.7	0.5	15
30ml	51.4	40.5	1	30
50ml	57	47.6	1.69	50
75ml	60.4	53.8	2.53	75
100ml	68.8	57.5	3.38	100



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