



Innovative Packaging Solutions

IML Tube

>80% PCR

(including 65% PCR tube and 100% PCR cap)



IML Deo Stick

100% PCR

(all parts except in-mold label)



Made with PCR

PET Jar

100% PCR

(100% PCR opaque jar, 50% PCR clear jar)



Tube and Cap
made with
Post - Consumer
Recycled
Material (PCR)

IML DEODORANT STICK

IML ENABLES 360°
COVERAGE OF GRAPHICS

100% RECYCLABLE
POLYPROPYLENE 
PP

PCR 100%



PET



PP



PP

- Viva tubes satisfy the APR Design Guide for Recyclability
- Crystal Clear or opaque PET jars



www.viva-healthcare.com



Viva IML Tubes



Viva IML Tubes



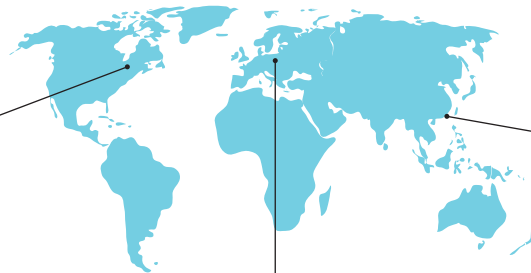
Viva_packaging

About VIVA

Global Manufacturing



Toronto, Canada
(2 plants)



Hong Kong, China
(HQ)



Warsaw, Poland

Fully Integrated Manufacturing

Design and Development Services

- State-of-the-art design and simulation software
- 3D-printing prototype
- Digital printing
- Prototype mold design and fabrication
- Production mold design and fabrication
- In-house design and building of automation

IML Printing

- Film extrusion
- Esko artwork processing
- In-house printing plates (HD flexo, offset, silkscreen)
- Gallus printing press / Digital printing

Injection Molding

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

Decorating (In House)

- Gallus printing for IML Tube and Deodorant Sticks
- Hotstamp, silkscreen for Cosmetics Bottles and PET Jars
- 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:

- Monolayer 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
- Cold foil / Hotstamp
- Matte, gloss, soft touch
- Holographic
- up to 12 colors print
- full flood cold foil or knockout
- spot or full flood
- standard or custom holographic pattern







Digital IML Printing:

- Suitable for mockup sample or short production run
- Up to 7 colors print
- Offline varnish printing or lamination
- Offline hotstamp / cold foil



Round Tube

 <p>D19 (3/4")</p>	 <p>Orifice~ 1.2, 2, 3, 5mm</p>	 <p>Lip ~1.3, 2mm Nose 1 ~1.2mm Nose 2 ~1.3, 3mm Nose 3 ~4, 5, 6, 7mm</p>	 <p>Lip~ 1.3, 2mm Nose 1 ~1.2mm Nose 2 ~1.3, 3mm Nose 3 ~4, 5, 6, 7mm</p>
 <p>D25 (1")</p>	 <p>Orifice~ 1.5, 3, 5mm</p>	 <p>21mm Width Orifice~ 1.2, 2, 3, 5mm</p>	 <p>19mm Diameter Lip~ 1.3, 2mm Nose 1 ~1.2mm Nose 2 ~1.3, 3mm Nose 3 ~4, 5, 6, 7mm</p>
 <p>D25 Round Shoulder (1")</p>	 <p>17mm Width Orifice~ 5mm</p>		
 <p>D30 (1-3/16")</p>	 <p>Orifice~ 1.5, 3, 5mm</p>	 <p>21mm Width Orifice~ Max 4mm</p>	
 <p>D35 (1-3/8")</p>	 <p>Orifice~ 1.5, 3, 5mm</p>	 <p>21mm Width Orifice~ 1.2, 2, 3, 5, 8mm</p>	 <p>Nose 1 ~1.2mm Nose 2 ~3mm Nose 3 ~4, 5, 6, 7mm 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 Orifice~ 1.2, 2, 3, 5, 8mm</p>	 <p>35mm Diameter Nose 1 ~1.2mm Nose 2 ~3mm Nose 3 ~4, 5, 6, 7mm Snap On Orifice~ 1.5, 3, 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>D50 (2")</p>	 <p>Orifice~ 1.5, 3, 5, 6mm</p>	 <p>Orifice~ 2, 3, 5, 10mm</p>	

 <p>D55 (2-3/16")</p>	 <p>Orifice~ 3, 5, 6mm</p>	 <p>48.5mm Diameter</p>  <p>Orifice~ 2, 3, 5, 10mm</p>
 <p>D60 (2-3/8")</p>	 <p>Orifice~ 3, 5, 6mm</p>	

Oval Tube

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

Integral Tube

Integral IML Tube



Features:

- Tube body and cap in one single piece
- 30% weight reduction compared to standard tube with separate cap
- 100% Polypropylene (FDA approved)
- PCR options (FDA approved)
- IML decoration on tube body

Integral Tube



Features:

- Tube body and cap in one single piece
- 100% Polypropylene (FDA approved)
- PCR options (FDA approved)
- Silkscreen or pressure-sensitive label

Dual Chamber Tube

Tube size: D48.5 (2") diameter

Capacity: 236ml (8oz) 4oz per side (Max fill)

Cap: Fliptop, single or double flip and orifice



Applicators Tube

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

Airless Pump Tube

Available tube sizes:

- D25 : 0.2cc dispensing dosage
- D35 : 1cc dispensing dosage



Special Closures & Tamper-evident Options

Special Closures



Metalized Cap



Metal Overshell Cap



Metal Shell Cap



Hotstamped Ring



Octagonal Cap



Vented Low Profile Cap

- D48.5 (21mm height)
- D50 (22mm height)

Tamper-evident Options



Induction Seal



Foil Seal



Transparent Seal



Tamper-proof
Fliptop Cap



Tamper-proof
Shrink Sleeve

Thick-wall PET JAR



Features

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



IML Deodorant Stick

Features

- Full surface decoration with an In-Mold label
- Special finish options including metallics, holographics and soft touch
- 100% Recycle Ready Polypropylene
- Up to 100% PCR masked by In-Mold Labels



Tube Volume to Size Chart

Types		D19	D25	D30	D35	D40	D48.5	D50	D55	D60
Actual Diameter (mm)		19	25	30	35	38.5	48.5	50	55	60
Actual Diameter (Inch)		3/4	1	1-3/16	1-3/8	1-1/2	2	2	2-3/16	2-3/8
Shape		Round	Round	Round	Round	Round	Round	Round	Round	Round
fl. oz.	mL	Tube Body Length (mm)								
0.17	5									
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	90		
3.50	105				146	130	100	95		
3.75	110					135	105	100		
4.00	120					145	110	105		
4.25	125					150	115	110		
4.50	130					155	120	115		
4.75	140					160	125	120		
5.00	145					165	130	125		
5.25	155					174	135	130		
5.50	160					180	140	135		
5.75	170					190	145	140		
6.00	175					195	150	145		
6.25	185					200	155	150		
6.75	200						160	155		
7.00	205						165	160	125	
7.50	220						170	165	135	
8.00	235						176	170	145	
8.50	250						180	175	150	
9.00	265						190	180	160	140
9.50	280						200	190	165	145
10.00	295						206	200	170	150
10.50	310							206	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.

Contacts

North America

Bruno Lebeault

Email: bruno.lebeault@vivacan.com

Tel: (416) 321-0622 ext:2252

Mobile: (416) 500-2602

Darryl Laing

Email: darryl.laing@vivacan.com

Tel: (416) 321-0622 ext:2256

Mobile: (416) 891-2509

Stephen Kapparis

Email: stephen.kapparis@vivacan.com

Tel: (416) 321-0622 ext:2261

Mobile: (647) 535-9000

Melanie Gaudun

Email: melanie.gaudun@vivacan.com

Tel: (416) 321-0622 ext:2248

Mobile: (416) 818-9203

Europe

Frank Van den Kieboom

Email: frank.vandenkieboom@vivapackaging.be

Tel: (32) 3201-9797

Mobile: (32) 475-569669

Australia

Mark Hines

Email: mark.hines@pactgroup.com

Tel: (61) 4-0457-0003

China

Michael Duan

Email: michael.duan@viva.com.hk

Mobile: (86) 136-096-13877

Asia Pacific

Andre Cheung

Email: andre.cheung@viva.com.hk

Tel: (852) 2870-0119