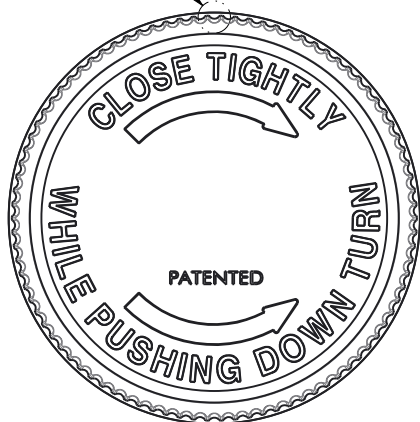


DESCRIPTION	MATERIAL	WEIGHT (REF)
20mm-400 CR4 OUTER CLOSURE	POLYPRO	2.0g
20mm-400 CR4 INNER CLOSURE	POLYPRO	1.6g

SEE DECORATION DETAIL



**NOTES:**

DIAMETERS TO BE TAKEN AS AVERAGE  
8 TPI THREAD CONSTRUCTION

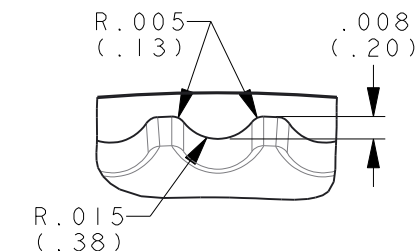
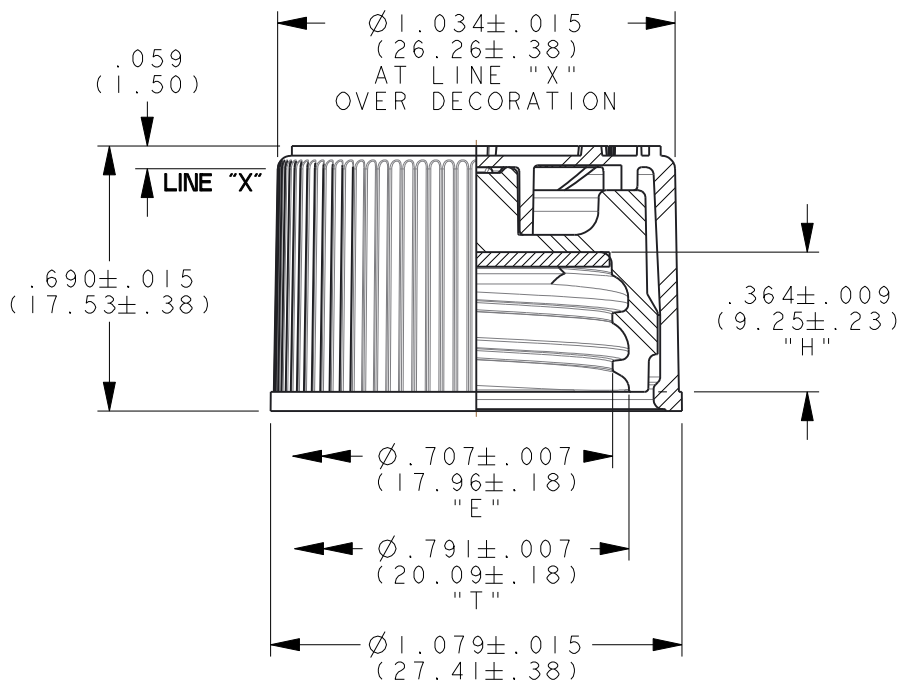
SEE DRAWING QIM-500-A105 FOR SPECIAL FINISH CONSIDERATIONS

SUGGESTED APPLICATION TORQUE:  
10-14 IN-LBS (1.1-1.6 N-M)

CAVITY NUMBER TO APPEAR ON INSIDE TOP SURFACE OF BOTH OUTER AND INNER CLOSURES

ENGLISH DIMENSIONS IN INCHES  
METRIC DIMENSIONS IN (mm)

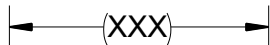
SUPERSEDES DWG# K7041 AND QIM-500-A87



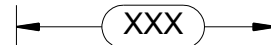
**DECORATION DETAIL**  
REFERENCE ONLY  
SCALE 15:1

90 EQUALLY SPACED CUTS

REV.A - 2/12/2018 - EPH  
#RCT170564



REFERENCE DIMENSIONS ARE NOT INSPECTED AND NO TOLERANCE APPLIED



INSPECTION DIMENSIONS ARE VERIFIED WITH TOLERANCE

THIS DRAWING IS NOT A CONTROLLED DOCUMENT IF PRINTED OR COPIED FROM THE APPROVED LOCATION

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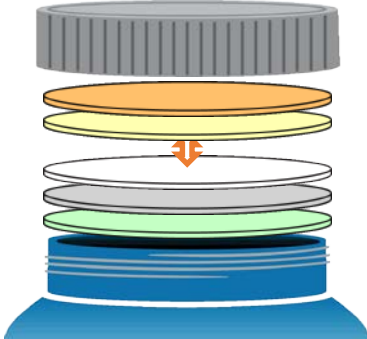
SIZE AND STYLE: <b>CR20400FXUS</b>		DRAWING TYPE: <b>CUSTOMER</b>			
DESCRIPTION: 20mm-400 CR4 CHILD RESISTANT CLOSURE WITH TEXT INSTRUCTIONS					
DRAWING NO: QIM-500-A124			PROJECT NO:		
CREATED BY: L BROZELL	CREATION DATE: 09/27/11	DRAWING REVISION: A	SHEET 1 of 1	SCALE: 2:1	SHEET SIZE A

101 OAKLEY STREET  
EVANSVILLE,  
INDIANA 47706  
TEL. (812) 424-2904

## HS035//35WLP

- HS035//35WLP is a two-piece, pulp backed, induction heat seal and liner with an ethylene vinyl acetate based sealant layer that gives a tamper evident bond to Polyethylene (PE), Polypropylene (PP), Polyester (PET), Polystyrene (PS), Vinyl (PVC) and glass containers.
- Available with standard or custom print.

### Typical Product Attributes

Construction			
		SI (µm)	US (mils)
Pulp		889,0	35.0
Wax		25,4	1.0
Paper		71,1	2.8
Aluminum Foil		8,9	0.35
Heat Seal		38,1 - 76,2	1.5 - 3.0
Thickness Tolerance		± 10%	± 10%
Minimum Width		25,4 mm	1.0 inch
Width Tolerance		± 1,6 mm	± 0.0625 inch

Properties	
Water Vapor Transmission (WVTR)	Essentially Zero
Gas (O <sub>2</sub> ) (GTR)	Essentially Zero

Regulatory Compliance	
FDA Compliance	21 CFR 178.3710 Petroleum wax. 21 CFR 177.1350 Ethylene-vinyl acetate copolymers. 21 CFR 177.1210 Closures with sealing gaskets for food containers 21 CFR 176.180 Components of paper and paperboard in contact with dry foods. 21 CFR 176.170 Components of paper and paperboard in contact with aqueous and fatty foods.
Drug Master File (DMF)	2518
Other Compliances	USFDA Food Allergen Guidelines; California Proposition 65 Labeling Requirements; Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article 11

Original Date: 2016-03-25  
 Revised Date: 2017-05-01  
 Revision Number: 2  
 Created by PEY

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**P4C5T-013**

**DESCRIPTION:** Homopolymer

**FEATURES:** Good processability and antistat

**APPLICATIONS:** Injection Molding: Rigid Packaging and Housewares

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	20	g/10 min.			D 1238
Density	0.90	g/cm <sup>3</sup>			D 1505
Tensile Yield Strength Yield Elongation	34 9	MPa %	5000 9	psi %	D 638
Flexural Modulus 1% Secant Tangent	1240 NA	MPa	180 NA	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	93	°C	199	°F	D 648
Rockwell Hardness			105	R	D 785
Notched Izod @ 23°C	20	J/m	.4	ft-lb/in	D 256
Gardner Impact @ 23°C	6	J	55	in-lb	D 5420

Aug-07

**Regulatory**

FDA 21CFR 177.1520 c 1.1

UL Certified 94HB

Drug Master File

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