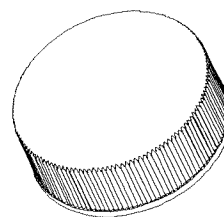
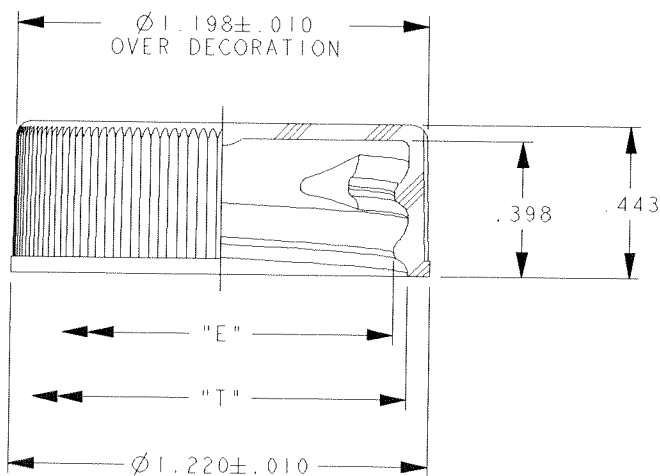


CHARMILLES FINISH
ON TOP OF CLOSURE

CONTROLLED COPY

INITIALS anw DATE 9/1/01



6 THREADS PER INCH

FULL SCALE

UNLESS SPECIFIED ALL TOLERANCES ARE $\pm .007$

XXX DENOTES SPC CONTROL DIMENSIONS

DIMENSIONS ARE REPRESENTATIVE ONLY. FINAL SIZES TO BE DETERMINED AFTER PART IS MANUFACTURED.	MATERIAL	POLYPRO	MOA	M-420	"T"	1.090	$\pm .007$
	MPI NO.	1-7733			"E"	1.010	$\pm .007$
CONF. NOTE INFORMATION CONTAINED HEREIN CONSTITUTES PROPRIETARY CONFIDENTIAL INFORMATION OF OWENS-ILLINOIS, INC. AND IS TO BE ACCEPTED ONLY SUBJECT TO THAT UNDERSTANDING. IT IS TO BE KEPT CONFIDENTIAL AND NOT TO BE COPIED, USED, OR CONVEYED TO OTHERS WITHOUT OWENS-ILLINOIS WRITTEN AUTHORIZATION.	Mold No.	PROD.	MJ-466-1		LINE "C" IS DOWN FROM INSIDE TOP		
		SAMPLE			TITLE CUSTOMER DRAWING		
	SCALE	2:1	DRAWN	CJ SELMEK/MZ		28-400 FINE RIBBED CLOSURE	
	DATE	1/30/95	CHECKED			DRAWING NUMBER QIM-317-3419	
	OWENS-BROCKWAY CLOSURE & SPECIALTY PRODUCTS a unit of Owens-Illinois Plastics Group				REVISION		

CAP-00347

Liner O-B Seal I

O-B Seal is a co-extruded tri-layer combination consisting of a foamed low density polyethylene core sandwiched between identical top and bottom layers of virgin, low density polyethylene. The components comply with FDA requirements for contact with food products under 21 CFR. A technical data sheet is attached.

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TECHNICAL DATA SHEET **O-B SEAL I**

Construction:	LDPE/Foamed LDPE/LDPE
Description:	Three-ply coextruded material: Foamed Low Density Polyethylene core between two solid layers of low density polyethylene
Properties:	
Thickness	.020 in. to .060 in. +/- .005 in. (.005 in. increments)
Density	25 +/- 2 lbs./Ft ³
Appearance	Smooth, Semi-opaque
Flexibility	Excellent
Compressibility	Excellent
Resiliency	Excellent
Resistance to Mold Growth	Excellent
Torque Removal	Excellent
Resistance to Change in Temperature & R.H.	Excellent
Resistance to Delamination & Dusting	Excellent
Taste Impartation	None
Odor	None
FDA Status	The component materials of O-B Seal are listed under DMF #11477. All components comply with the applicable 21 CFR sections for food contact materials.
Web Widths	1.0 to 13.0 in. available (+/- 1/32 in.)
Warpage	+/- 1/4 in. over a 4 ft. length

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TOTAL P.02