



SECTION A-A
SCALE 1.5 : 1

STATIC TORQUE RECOMMENDATION
19-30 in-lbs
THIS REQUIREMENT MAY VARY DEPENDING
UPON BOTTLE MATERIAL, NECK FINISH, AND
CAPPING EQUIPMENT

THREAD DETAIL INFORMATION
6 THREADS PER INCH, 0.167 PITCH
360° FULL DEPTH THREAD

REFERENCE	TOLERANCE	DIMENSION	UNITS
E	±0.010 [0.25]	1.788 [45.42]	in [mm]
T	±0.010 [0.25]	1.880 [47.75]	in [mm]
H	±0.010 [0.25]	0.390 [9.91]	in [mm]
OAH	±0.010 [0.25]	0.465 [11.81]	in [mm]
BOTTOM OD	±0.012 [0.30]	2.000 [50.80]	in [mm]
PART WEIGHT	± 1.0	4.2	g

DISCLAIMER

THIS INFORMATION IS PROVIDED AS A GENERAL GUIDE, INCLUDING DIMENSIONS. IT IS THE CUSTOMER'S RESPONSIBILITIES TO SELECT THE PROPER CONTAINER FOR PRODUCT AND APPLICATION COMPATIBILITY.

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REF NO.:

DWG31706

DESCRIPTION:

48-400 PP Screw Cap. Matte Top Ribbed Sides
with PS .020 Liner

PRODUCT DATA SHEET

PRESSURE SEAL

MRP Description - (022)PRESSURE SEAL .020 PLAIN

PRODUCT DESCRIPTION

Description: A polystyrene white foam coated with a pressure sensitive coating. Available plain or printed.

FDA Status: Complies with Federal Regulations of H.E.W., FDA, sections 175.125, 175.300, 177.1640, 178.3010, and 178.3710. It is entered in SANCAP Liner's food master file FMF 166 and drug master file DMF 2518.

RECOMMENDED STORAGE CONDITIONS

The material should be stored in well-ventilated area (temp. 60° - 80°F; RH – 40% - 60%). Material and lined closures are heat and pressure sensitive. Storage or shipping temperatures should not be in excess of 105°F. Blocking may result. If material becomes chilled, it should be stored under the recommended conditions until stabilized. Avoid storing closure liner material over 60 days.

PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|----------------|
| 1. Color | White |
| 2. Thickness, mils | |
| a) Overall | 20.0 - 25.0 |
| b) Wax | 2.0 - 3.0 |
| c) Foam | 18.0 - 22.0 |
| 3. Basis Wt. Lbs./Ream 3000 ft.² | |
| a) Overall | 92.46 - 120.12 |
| b) Wax | 25.46 - 38.12 |
| c) Foam | 67.00 - 82.00 |
| 4. Gas Transmission: cc/cin²/24hrs/1atm | |
| a) Oxygen | 109.68 |
| 5. Water Vapor Transmission | |
| a) gm/cin ² /24hrs/100°F/90%RH | 0.27 |
| 6. Melting Point °F | 170 – 180 |
| Softening Point °F | 148 - 152 |

SUGGESTED PRODUCT USES

Material is a styrene foam innerseal coated with a torque activated coating. It has adhesion to glass and plastic bottles with metal or plastic caps. Sealing properties should be checked after being stored for 12 hours.

**Dry Products
Candy**

**Spices
Syrup**

Product applications listed above are a partial listing and do not cover all suitable applications. These are suggestions for general categories and user must test for suitability for their specific product. Not suitable for products containing oil.

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