



Moulded Bottle Stoppers

Platinum Cured Silicone Bottle Stoppers

Puresil-Techniflex complete line of bottle stoppers offers the customer a high-purity option to standard gum rubber, neoprene, and black SBR stoppers. Manufactured from healthcare-grade, Platinum Cured Silicone, our stoppers meet UPS Class VI standards for use in Pharmaceutical, Bio-Tech, Laboratory, and Food applications. Unlike standard laboratory stoppers, Puresil-Techniflex Silicone Stoppers will not spillate, crack or leach fillers.

PTFX Stoppers are offered in lab-style, tapered design as well as custom tops to fit most common high-purity screw cap bottles. All products are manufactured with Platinum Cured Silicone and can be cored or moulded with integral dip tubes. These options help create a closed high-purity system and give the user the flexibility to work with most process components and maintain cGMP standards.

Applications:

- Media & product storage.
- Closed-system product transfer.
- Testing & quality.
- Laboratory beakers & containers.
- Glass carboys.
- Media bottles.

Sterilisation:

- Auto-clavable.
- Radiation—up to 3.5 mRad.
- (25 KGy).
- Gas-Ethylene Oxide.



Approvals:

- USP Class VI.
- European Pharmacopeia 3.1.6.
- Meets or exceeds 3A standards.
- Meets FDA 21 CFR 177.2600.

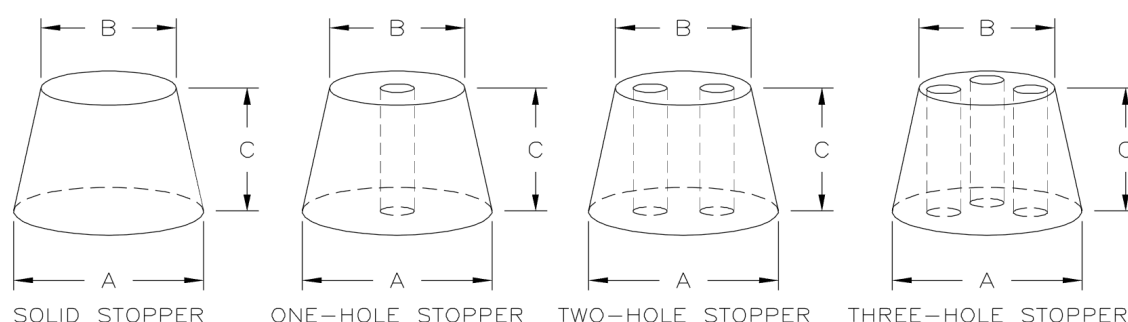
Property	ASTM Method	Value or Rating
Durometer Hardness, Shore A, 15 sec	D2240	45
Tensile Strength, PSI (mPa)	D412	1250
Ultimate Elongation, 100%	D412	650
Tear Resistance, il-f/inch (kN/m)	D624	230
Specific Gravity	D792	1.12
Tensile Modulus	D412	175



Certificate No. 6872

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Size	A Inches (mm)	B Inches (mm)	C Inches (mm)	Volume Inches (cm)	Weight LB (g)
000	0.528 (13.4)	0.350 (8.9)	0.830 (21.1)	0.127 (2.08)	0.005 (2.27)
00	0.590 (15.0)	0.410 (10.4)	0.980 (24.9)	0.195 (3.20)	0.008 (3.63)
0	0.668 (17.0)	0.518 (13.2)	0.981 (24.9)	0.272 (4.46)	0.012 (5.44)
1	0.752 (19.1)	0.555 (14.1)	1.011 (25.7)	0.342 (5.60)	0.015 (6.8)
2	0.786 (20.0)	0.634 (16.1)	0.989 (25.1)	0.393 (6.44)	0.017 (7.71)
3	0.950 (24.1)	0.725 (18.4)	0.982 (24.9)	0.544 (8.91)	0.023 (10.43)
4	1.029 (26.1)	0.800 (20.3)	0.951 (24.2)	0.628 (10.29)	0.026 (11.79)
5	1.064 (27.0)	0.913 (23.2)	0.968 (24.6)	0.744 (12.19)	0.031 (14.06)
6	1.256 (31.9)	1.042 (26.4)	0.911 (23.1)	0.947 (15.52)	0.040 (18.14)
7	1.440 (36.6)	1.115 (28.3)	0.957 (24.3)	1.233 (20.2)	0.054 (24.49)
8	1.611 (41.0)	1.305 (33.2)	0.993 (25.2)	1.664 (27.3)	0.072 (33.11)
9	1.775 (45.1)	1.474 (37.4)	0.987 (25.1)	2.052 (33.63)	0.086 (39.01)
10	1.973 (50.1)	1.669 (42.4)	0.929 (23.6)	2.425 (39.74)	0.102 (26.27)
11	2.204 (56.0)	1.913 (48.6)	0.941 (23.9)	3.137 (51.41)	0.032 (59.88)
12	2.508 (63.7)	2.134 (54.2)	1.003 (25.5)	4.253 (69.69)	0.188 (85.28)
13	2.667 (67.7)	2.284 (58.0)	0.998 (25.3)	4.813 (78.87)	0.207 (93.90)

NOTE: Unless otherwise stated, all tests were conducted at a temperature of 73°F (23°C). Values were determined on 0.075" (1.9mm) thick strip or 0.075" (1.9mm) thick moulded clear silicone plaques or moulded clear silicone buttons.