

Square Media Bottle (PET & PETG)



We produce both the bottle and closure to ensure the integrity of the complete package. Our bottles are manufactured from durable, break-resistant resins – either polyethylene terephthalate (PET) or glycol-modified (PETG) – and are paired with high-density polyethylene (HDPE) closures. The unique closure and bottle design eliminates the need for a liner or gasket, delivering reliable, repeatable leakproof performance. This system also provides an effective barrier against oxygen and carbon dioxide ingress, helping to maintain consistent pH levels for your reagents.



The bottle mouth chamfered design to prevent leakage.



It is highly transparent with clear and precise scale markings.



It boasts anti-crack, anti-drop, and anti-puncture properties.

Comparison of PETG vs.PET

Characteristics	PETG Media Bottle	PET Media Bottle
Grammage	Higher grammage, more substantial material usage	Lighter
Light Transmittance	Excellent clarity and smoothness; light transmittance reaches 91%, approaching glass transparency, superior to Polycarbonate (PC)	Lower than 91%
Weather Resistance, Chemical Resistance, Mechanical Strength	Superior chemical resistance; impact-resistant, shatterproof; excellent mechanical strength; PETG exhibits exceptional toughness and tensile strength, with maximum elongation up to 180%, significantly reducing breakage during secondary processing, transport, installation, and use.	Moderate/Standard performance
Leakage Prevention (Liquid/Gas)	Excellent barrier properties against oxygen and water vapor; superior sealing performance	Moderate/Standard performance
Eco-friendly & BPA-free	Non-toxic, reliable sanitary properties; good environmental adaptability; economically and conveniently recyclable	Moderate/Standard performance
Operating temperature	-60°C-75°C	-70°C-120°C

Ordering information

Part No.	Volume	Material	Sterility level	Pack
SMB030T	30ml	PET	SAL=10 ⁶	40 pcs/bag, 7 bags/case
SMB060T	60ml	PET	SAL=10 ⁶	40 pcs/bag, 5 bags/case
SMB125T	125ml	PET	SAL=10 ⁶	24 pcs/bag, 4 bags/case
SMB250T	250ml	PET	SAL=10 ⁶	30 pcs/bag, 2 bags/case
SMB500T	500ml	PET	SAL=10 ⁶	20 pcs/bag, 2 bags/case
SMB1000T	1000ml	PET	SAL=10 ⁶	12 pcs/bag, 2 bags/case
SMB030G	30ml	PETG	SAL=10 ⁶	40 pcs/bag, 7 bags/case
SMB060G	60ml	PETG	SAL=10 ⁶	40 pcs/bag, 5 bags/case
SMB125G	125ml	PETG	SAL=10 ⁶	24 pcs/bag, 4 bags/case
SMB250G	250ml	PETG	SAL=10 ⁶	30 pcs/bag, 2 bags/case
SMB500G	500ml	PETG	SAL=10 ⁶	20 pcs/bag, 2 bags/case
SMB1000G	1000ml	PETG	SAL=10 ⁶	12 pcs/bag, 2 bags/case

PakGent®

Save every drop of precious reagent for you.

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