EZ-Cup Vapometer

Fuel Permeability Cups for SAE J2665



Model 68-3014 EZ-Cup

Easy open model simply turn to open and close the sample in place with the threaded flanged ring.

The standard Vapometer is used for determining the water vapor permeability of sheet materials such as specialty paper grades, polyethylene, building material, leather, weatherproof clothing, vinyl, foil and laminates. This property is essential in determining if a material is moisture proof or has the ability to protect contents from the transmission of water vapor.

Depending on the end use, water or a desiccant is placed in the base of the container. The specimen is then quickly sealed and placed in a test chamber that controls the atmosphere. Vapor loss or gain is measured by recording the weight of the sample at different intervals over a period of time.

68-3014 Vapometer for SAE J2665 (Fuel Perm)

Thwing-Albert offers a Vapometer package to meet the industry standard SAE J2665.

Test Procedure to Measure the Fuel Permeability of Materials by the Cup Weight Loss Method. The standard covers the procedure for measuring the permeation of fuel or fuel surrogates through test samples of elastomeric, plastic or composite materials, up to 3mm thick.

Standard permeation test temperatures are 40° C and 60° C. Standard test fluids are Fuel C, Fuel CE10, and Fuel CM15.

The Vapometer Cup for SAE J2665 includes:

Qty	Description
1	2” Cup Model (68-3000)
1	EZ-Cup Teflon Seal (68-0110)
1	J2665 Vapometer Gasket 1mm Fluoroelastomer
1	J2665 Vapometer Gasket 2mm Fluoroelastomer
1	Perforated Plate (68-0135)
1	Blank Disk (68-0138)

Available Sample Prep
2.9375” Diameter



#68-0152
Circular Die for use with the Alfa Cutter Press (or similar die cutter)

#68-0153
Circular Mallet Die



Consumable Parts

	Part #	Description
	68-0110	EZ-Cup Teflon Seal
	68-0135	Perforated Plate
	68-0136	J2665 Vapometer Gasket 1mm Fluoroelastomer
	68-0137	J2665 Vapometer Gasket 2mm Fluoroelastomer
	68-0138	Blank Disk