

Hydrophobic MCE Membrane

*Easily die cut and customized
for air and gas filtration*



Our hydrophobic MCE membrane resists water and low-surface tension liquids with good handling strength and ease of die cutting and sealing. Various shapes are available to meet your unique application needs.

APPLICATIONS

- Venting
- Air inlet
- Oil barrier
- Air and gas filtration
- Ultrasonic sealing
- Mechanical sealing
- Heat sealing

FEATURES & BENEFITS

Specialty MCE polymer	Easily die cut for unique shapes
Nonwoven supports	Provide good mechanical strength
Microporous membrane surface	Offers good particle retention rate for air and gas filtration
Oleophobic/hydrophobic treatment	Repels various fluid, preventing permeation
Biosafety according to GB8368	Helps customer meet regulatory compliance

SPECIFICATIONS AND PERFORMANCE

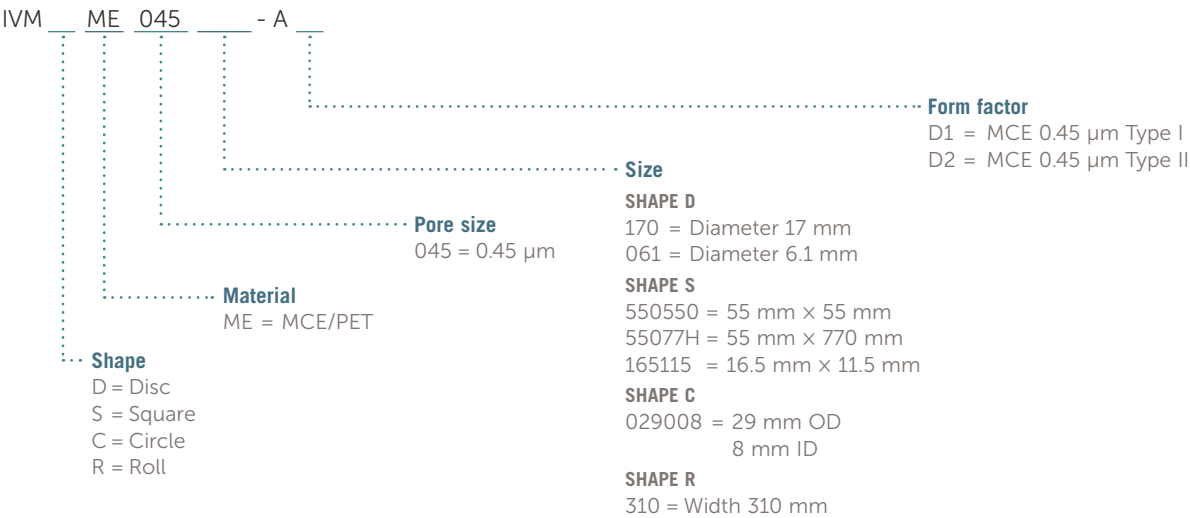
	TYPE I	TYPE II
Membrane material	MCE	
Support material	PET	
Pore rating	0.45 μm	
Thickness	180 μm	
Air flow rate @ 10 kPa	≥36 mL/min mm ²	≥28 mL/min mm ²
Water holding pressure	15 kPa, 15 min	
Retention rating @ 0.5 μm	≥95%	
Oil rating*	≥7	

*According to AATCC118: Oil Repellency: Hydrocarbon Resistance Test

ORDERING INFORMATION

Packaging

Hydrophobic MCE Membrane: part number



Rolls, sheets, and disc sizes are available. Please contact your Entegris sales representative for additional information.

Roll	3" PVC core
Sheet and disc	Please contact your Entegris sales representative for further information.

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

TERMS AND CONDITIONS OF SALE

All purchases are subject to Entegris' Terms and Conditions of Sale. To view and print this information, visit [entegris.com](https://www.entegris.com) and select the [Terms & Conditions](#) link in the footer.



Corporate Headquarters
129 Concord Road
Billerica, MA 01821
USA

Customer Service
Tel +1 952 556 4181
Fax +1 952 556 8022
Toll Free 800 394 4083

Entegris®, the Entegris Rings Design®, and other product names are trademarks of Entegris, Inc. as listed on [entegris.com/trademarks](https://www.entegris.com/trademarks). All third-party product names, logos, and company names are trademarks or registered trademarks of their respective owners. Use of them does not imply any affiliation, sponsorship, or endorsement by the trademark owner.

©2023-2024 Entegris, Inc. | All rights reserved. | Printed in the USA | 9000-11685ENT-0424