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POREX® Porous PTFE Materials Overview

MATERIAL PROPERTIES

The following chart shows all POREX® Porous PTFE Standard Membranes.

This information gives typical properties only and is not to be used for specification purposes. Buyer/user should perform appropriate tests to determine performance under specific operating conditions.

PRODUCT	PORE SIZE* μ	AIRFLOW		WIP mbar	THICKNESS		ROLL AREA m ²	
		l/hr/cm ²	ΔP (mbar)		mm	in		
PM 0110	1	2.0	70	1250	1.00	0.04	3	Porex Technologies 500 Bohannon Road Fairburn, GA 30213 USA infoPorex@porex.com T. +1 770 964 1421 F. +1 770 969 0954
PM 0115	1	1.8	70	1250	1.50	0.06	2	
PM 0120	1	1.4	70	1400	2.00	0.08	1.5	
PM 0130	1	1.2	70	1600	3.00	0.12	1	
PM 0310	3	8.0	70	750	1.00	0.04	3	Porex Technologies GmbH Sales & Marketing Europe Strangenhäuschen 30 52070 Aachen, Germany infoPorex@porex.de T. +49 241 9105250 F. +49 241 91052516
PM 0315	3	6.8	70	800	1.50	0.06	2	
PM 0320	3	6.0	70	900	2.00	0.08	1.5	
PM 0330	3	5.5	70	900	3.00	0.08	1	
PM 17Y	4	7.5	70	950	0.19	0.0075	16	Porex Technologies Ltd. Merlin House Alness Point Business Park Alness, Ross-shire IV17 0UP Scotland, United Kingdom infoPTFE@porex.com T. +44 1349 884060 F. +44 1349 884076
PM 23J	4	7.7	70	1150	0.25	0.01	12	
PM 6M	5	5.5	20	900	0.10	0.004	28	
PM 71W	5	9.1	70	450	0.15	0.006	12	
PM 0510	5	5.2	20	600	1.00	0.04	3	Porex Technologies Sdn Bhd Lot P.T. 74, Jalan Hulu Tinggi 26/6 Seksyen 26, Sektor A Hicom Industrial Park 40400 Shah Alam Selangor, Malaysia infoPorex@porex.com.my T. +603 5191 3308 F. +603 5192 3308
PM 0515	5	5.2	70	650	1.50	0.06	2	
PM 0520	5	5.2	70	750	2.00	0.08	1.5	
PM 0530	5	4.1	70	1000	3.00	0.12	1	
PM 23D	7	3.4	10	250	0.51	0.02	6	www.porex.com
PM 22S	8	5.7	10	600	0.25	0.01	12	
PM 1030	8	4.5	20	450	3.00	0.12	1	
PM 12M	10	10.2	10	450	0.18	0.007	20	
PM 15M	10	8.9	10	150	0.18	0.007	18	© 2010 Porex Corporation. Porex is a registered trademark of Porex Corporation. All Rights Reserved. PXT-591-100504-00
PM 15X	10	9.1	10	150	0.36	0.014	9	
PM 28Y	10	9.1	10	450	0.18	0.007	18	
PM 58P	10	5.5	10	400	0.64	0.025	4	
PM 124D	10	10.0	10	400	0.18	0.007	18	www.porex.com
PM 131	10	7.3	10	400	0.25	0.01	12	
PM 3V	10	10.0	10	400	0.18	0.007	20	
PM 3VL	10	8.0	10	450	0.30	0.012	20	
PM 1010	10	8.9	20	400	1.00	0.04	3	© 2010 Porex Corporation. Porex is a registered trademark of Porex Corporation. All Rights Reserved. PXT-591-100504-00
PM 1015	10	8.4	20	400	1.50	0.06	2	
PM 1020	10	6.5	20	450	2.00	0.08	1.5	
PM 1021C	10	8.0	20	400	1.10	0.045	2.5	
PM 21M	14	13.0	10	350	0.13	0.005	25	www.porex.com
PM 21ML	14	10.2	10	350	0.28	0.011	25	
PM 2010	20	6.8	10	250	1.00	0.04	3	
PM 2015	20	4.5	10	250	1.50	0.06	2	
PM 2020	20	4.0	10	300	2.00	0.08	1.5	www.porex.com
PM 2030	20	3.5	10	300	3.00	0.12	1	
PM 3010	30	7.5	10	100	1.00	0.04	3	
PM 3015	30	7.0	10	100	1.50	0.06	2	
PM 3020	30	5.9	10	150	2.00	0.08	1.5	www.porex.com
PM 3030	30	5.7	10	200	3.00	0.12	1	
PM 5010	50	9.1	10	150	1.00	0.04	3	
PM 5015	50	9.0	10	150	1.50	0.06	2	
PM 5020	50	8.5	10	150	2.00	0.08	1.5	www.porex.com
PM 5030	50	8.0	10	250	3.00	0.12	1	

* Pore size values are measured by Bubble Point and indicate the largest measured pore. Effective mean pore sizes will be lower than the stated value and will depend on the operating conditions.