



The TekniMD® PGA series consists of a lamination of PETG and Aclar® (PCTFE) and are designed for thermoformable medical device packaging applications requiring high barrier to moisture. This product withstands Ethylene Oxide (ETO), Electron Beam (E-Beam) Radiation, and Gamma Radiation sterilization methods, is compliant with the FDA and EU food contact regulations, and meets the appropriate USP and EP standards.

TEKNIMD®	Construction		WVTR 38°C, 90% RH (g/m²/d)	WVTR 38°C, 90% RH (g/100in²/d)	OTR 23°C, 50% RH (cm³/m²/d)	OTR 23°C, 50% RH (cm³/100in²/d)
PGA3060	762 µm PETG / 15 µm PCTFE	30 mil PETG / 0.6 mil PCTFE	0,37	0.024	12	0.77
PGA3080	762 µm PETG / 20 µm PCTFE	30 mil PETG / 0.8 mil PCTFE	0,28	0.018	12	0.77
PGA3090	762 µm PETG / 23 µm PCTFE	30 mil PETG / 0.9 mil PCTFE	0,23	0.015	12	0.77
PGA4060	1016 µm PETG / 15 µm PCTFE	40 mil PETG / 0.6 mil PCTFE	0,37	0.024	12	0.77
PGA4080	1016 µm PETG / 20 µm PCTFE	40 mil PETG / 0.8 mil PCTFE	0,28	0.018	12	0.77
PGA4090	1016 µm PETG / 23 µm PCTFE	40 mil PETG / 0.9 mil PCTFE	0,23	0.015	12	0.77
PGA5060	1270 µm PETG / 15 µm PCTFE	50 mil PETG / 0.6 mil PCTFE	0,37	0.024	12	0.77
PGA5080	1270 µm PETG / 20 µm PCTFE	50 mil PETG / 0.8 mil PCTFE	0,28	0.018	12	0.77
PGA5090	1270 µm PETG / 23 µm PCTFE	50 mil PETG / 0.9 mil PCTFE	0,23	0.015	12	0.77
PGA30170	762 µm PETG / 43 µm PCTFE	30 mil PETG / 1.7 mil PCTFE	0,15	0.01	11	0.71
PGA30200	762 µm PETG / 51 µm PCTFE	30 mil PETG / 2.0 mil PCTFE	0,11	0.007	10	0.65
PGA30300	762 µm PETG / 76 µm PCTFE	30 mil PETG / 3.0 mil PCTFE	0,07	0.005	9	0.58
PGA30400	762 µm PETG / 102 µm PCTFE	30 mil PETG / 4.0 mil PCTFE	0,056	0.004	8	0.52
PGA30540	762 µm PETG / 137 µm PCTFE	30 mil PETG / 5.4 mil PCTFE	0,04	0.003	7	0.45
PGA30600	762 µm PETG / 152 µm PCTFE	30 mil PETG / 6.0 mil PCTFE	0,036	0.002	6	0.39
PGA40170	1016 µm PETG / 43 µm PCTFE	40 mil PETG / 1.7 mil PCTFE	0,15	0.01	11	0.71
PGA40200	1016 µm PETG / 51 µm PCTFE	40 mil PETG / 2.0 mil PCTFE	0,11	0.007	10	0.65
PGA40300	1016 µm PETG / 76 µm PCTFE	40 mil PETG / 3.0 mil PCTFE	0,07	0.005	9	0.58
PGA40400	1016 µm PETG / 102 µm PCTFE	40 mil PETG / 4.0 mil PCTFE	0,056	0.004	8	0.52
PGA40540	1016 µm PETG / 137 µm PCTFE	40 mil PETG / 5.4 mil PCTFE	0,04	0.003	7	0.45

TEKNIMD®	Construction		WVTR 38°C, 90% RH (g/m²/d)	WVTR 38°C, 90% RH (g/100in²/d)	OTR 23°C, 50% RH (cm³/m²/d)	OTR 23°C, 50% RH (cm³/100in²/d)
PGA40600	1016 µm PETG / 152 µm PCTFE	40 mil PETG / 6.0 mil PCTFE	0,036	0.002	6	0.39
PGA50170	1270 µm PETG / 43 µm PCTFE	50 mil PETG / 1.7 mil PCTFE	0,15	0.01	11	0.71
PGA50200	1270 µm PETG / 51 µm PCTFE	50 mil PETG / 2.0 mil PCTFE	0,11	0.007	10	0.65
PGA50300	1270 µm PETG / 76 µm PCTFE	50 mil PETG / 3.0 mil PCTFE	0,07	0.005	9	0.58
PGA50400	1270 µm PETG / 102 µm PCTFE	50 mil PETG / 4.0 mil PCTFE	0,056	0.004	8	0.52
PGA50550	1270 µm PETG / 137 µm PCTFE	50 mil PETG / 5.4 mil PCTFE	0,04	0.003	7	0.45
PGA50600	1270 µm PETG / 152 µm PCTFE	50 mil PETG / 6.0 mil PCTFE	0,036	0.002	6	0.39

Available in clear, blue tint.

For additional information, please contact your sales representative or submit inquiries [here](#).

www.tekni-plex.com

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