

Comparison of Fluoropolymer Versus Other Films



AGC's Fluon+™ EM-20010 compound combines ETFE with active antimicrobial chemistry. This synergy of technologies provides a material with built-in protection against microbes that cause degradation. Films and hoses extruded from Fluon+ EM-20010 are ideal for surfaces that would benefit from protection against microbial attack.

	Fluon+™ EM-20010 Fluoropolymer- based Films	Polyester Films	TPU Films	Polypropylene Films	PVC Films
Resist bacterial degradation	●	●	●	●	●
Resist mold and mildew	●	●	●	●	●
Scrubable (abrasion resistant)	●	●	●	●	⊘
Cleanable (chemical resistant)	●	●	●	●	●
UV resistant	●	⊘	●	●	●
Retain transparency and optical clarity (nonyellowing)	●	●	●	●	●
High tensile elongation and strength	●	●	●	●	●
Noncombustible	●	●	●	●	●
FDA compliant for food contact applications	●	●	●	●	●
Cost	\$\$\$	\$	\$\$	\$	\$

*Filler dependent

Performance Key: ● Excellent ● Good ● Fair ⊘ Poor

