



Gel Products Guide

Permawick Company Sales and Executive Office
 255 east Brown Street, Suite 100
 Birmingham, Michigan, 48009
 Phone: (248) 433-3500 Fax: (248) 433-1824
 Email: Sales@Permawick.com
 Web: www.Permawick.com

Permawick Part Number	Base-stock	Operating Range °F	Operating Range °C	Plastic Compatible	Base Oil Vis Index	NLGI	Performance Characteristics	Applications																							
P2AO110PG	Polyalphaolefin	-40 to 240	-40 to 115	Yes	130	2-3	Alternate to esters that may have compatibility issues, Excellent low temp, VI, hydrolytic stability, oxidation stability and volatility.	Used in automotive HVAC requiring -40°C start-up, high RPM tools, PC fan motors, freezers, refrigerators, power tools, power windows																							
P2AO350PG		-40 to 260	-40 to 125		140	2-3			PSL313PG	Polyolester	-40 to 300	-40 to 150	Depends on plastic ¹	188	2	Well suited for high temperatures beyond that of PAO's. Outstanding volatility, anti-wear, and film forming properties. Excellent thermo-oxidative stability	Used in Blowers, ABS, Radiator fans, window lifts, HVAC, exhaust fans, axial fans, PC fans, microwaves, blenders, kitchen products	PSL1000PG	Polyolester	32 to 350	0 to 175	Depends on plastic ¹	n/a	2-3	Well suited for very high temperatures beyond that of PAO's and standard esters. Outstanding volatility, anti-wear properties. Exceptional film forming capability. Excellent thermo-oxidative stability	Especially suited for high temperature applications such as oven fans or any motor that may carry high loads	<ol style="list-style-type: none"> Compatibility of Esters should be checked when using ABS, Polycarbonate, Polysulfone and Polyphenylene Permagel may change color to yellows and browns when exposed to light and air. This does not have a detrimental effect on the lubricants performance Make sure that Permagel does not get between the shaft outer diameter and bearing internal diameter 				
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