

## Pipe, Fittings and Sump Alternative Fuel Compatibility

Manufacturer	Product	Ethanol	Biodiesel
Franklin Fueling	APT-XP and P series	0 to 100% for pipe and fittings (1992+); sumps if kept clean and dry	0 to 100% for piping but use stainless fittings (1992+); sumps if kept clean and dry.
OPW Fueling Components	All Pisces Series	0 to 100% for pipe and fittings	0 to 20% for pipe and fittings
Ameron Fiberglass	Dualoy 3000/L and 3000/LCX	0 to 100% since 1988 for red pipe, green pipe, and black molded fittings. Red molded fittings are suitable for secondary containment fittings only in E-85 fuel. Ameron Adhesives that are suitable for E-85 fuel service are A20-LT, RP 48, B20, PSX-34 and PSX-20. Ameron adhesive C20-HT, used prior to 1988 is not UL Listed for 'Alcohol-Gasoline Mixtures, although no known field failures have occurred. Sumps fully compatible.	0 to 100% for piping and sumps
Western Fiberglass	Co-Flex	0 to 100% all fittings and sumps	0 to 100% all fittings and sumps
Smith Fiberglass	Red Thread IIA	0 to 100%, pipe and 7000/8000 adhesives	0 to 100%
NUPI Americas, Inc.	SmartFlex	0 to 100% all fittings and sumps	0 to 100% all fittings and sumps
PetroTechnik, Ltd. (Universal Petro Pipe)	Universal Petropipe (UPP)	0 to 100% all fittings and sumps	0 to 100% all fittings and sumps
Total Containment, Inc.	Enviroflex, Omniflex, Marinaflex	0 to 100% all fittings and sumps	Unknown