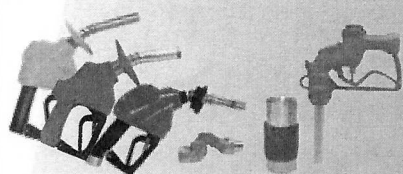


Below Ground Products Fuel Compatibility Matrix

Updated 12/2018

OPW Product Number	Description	Standard Fuels: ≤15% Ethanol Gasolines ≤5% Bio-Diesel*	High Ethanol Content Gasoline: 15-100% Ethanol	High Biodiesel Content 5-20% Biodiesel*	High Biodiesel Content 5-100% Biodiesel*	Av-Gas/ Jet Fuel	Kerosene/ Fuel Oil	DEF (Diesel Exhaust Fluid)
CXXA Double Wall Piping	Double Wall Primary Piping	X	X	X	X	X	X	X
DPC Series	Double Wall Pipe Couplings	X	X	X	X	X	X	
SPC Series	Single Wall Pipe Coupling	X	X	X	X	X	X	
SBC Series	Stainless Steel Swivel Bolt On Coupling	X	X	X	X	X	X	X
SMA-1515, SMA-1520, SMA-2020, SMA-3030	E-Coated Male Adaptors	X	X	X	X	X	X	
SMA-7575, SMA-1010	Swivel Male Adaptor (Brass or Zinc Plated)	X					X	
STF-1515, STF-2020, STF-2215, STF-2020	E-Coated Swivel Tees	X	X	X	X	X	X	
SFA-7575, SFA-1010	Swivel Female Adaptor (Brass or Zinc Plated)	X					X	
SEF-1515, SRE-2015, SEF-2020, SEF-3030	E-Coated Swivel Elbows	X	X	X	X	X	X	
Polyethylene and Fiberglass Sumps	Dispenser, Tank, Loop, and Transition Sumps	X	X	X	X	X	X	X
REF Series Entry Fittings	Entry Fittings	X	X	X	X	X	X	X
DEB and EBF Series	Entry Boots	X	X	X		X	X	X
1-2100 Series / Multiports / 1-2200 Series	Spill Containers	X	X	X	X	X	X	***
FibreTite Multiports	Spill Containers	X	X	X	X	X	X	***
101BG-Series	Spill Containers	X	X	X	X	X	X	***
1-3100 Series (Edge)	Double Wall & Single Wall Spill Container Series	X	X	X	X	X	X	***
60V Series	Vapor Line Shear Valve	X	X	X	X	X	X	
10 Series	Emergency Shut Off Valve	X	X	X	X	X	X	
10 Plus Series	Emergency Shut Off Valve	X	X	X	X	X	X	
60V-DEF	DEF Series Shear Valve							X
61SALP Series	Fill Swivel Adaptor	X	X	X	X	X	X	
633T-8076	Fill Adaptor	X	X	X	X	X	X	
61VSA Series	Vapor Swivel Adaptor	X	X	X	X	X	X	
1611AVB-1625	Vapor Adaptor	X	X	X	X	X	X	
634TT-7085-EVR	Fill Cap	X	X	X	X	X	X	
1711T-7085-EVR	Vapor Cap	X	X	X	X	X	X	
634LPC-040	Low Profile Fill Cap	X	X	X	X	X	X	
1711LPC-0300	Low Profile Vapor Cap	X	X	X	X	X	X	
62M Series	Monitoring Probe Cap	X	X	X	X	X	X	X
61SO & 71SO Series	Overfill Valve	X				X	X	
61SOM & 71SOM Series	Overfill Valve Anodized	X	X			X	X	
71SO-B Series	High BioDiesel Overfill Valve	X		X	X	X	X	
6111 & 61TP Series	Tank Bottom Protectors	X				X	X	
61T Series	Drop Tubes	X				X	X	
61T-SS Series	Stainless Steel Drop Tube	X	X	X	X	X	X	
61T-DEF Series	Stainless Steel DEF Drop Tube							X
233 Series	Extractor Valve	X	X	X	X	X	X	X
FCXX Series	Stainless Flex Connectors	X	X	X	X	X	X	X
53VML/30MV Series	Ball Floats	X	X	X	X	X	X	
523V Series	Pressure Vacuum Vent	X	X	X	X	X	X	X
623V Series	Pressure Vacuum Vent	X	X	X	X	X	X	X
723V Series	EVR Pressure Vacuum Vent	X	X	X	X	X	X	X

* Bio-Diesel must meet ASTM Standard for fuel quality to maintain compatibility with products above
 *** Drain plug versions compatible with DEF if installed with Stainless Steel Drop Tube between Nipple and Fill Adaptor
 ≤ Refers to less than or equal to the fuel standard rating for percentage of content



Above Ground Products Fuel Compatibility Matrix

Updated 1/2015

OPW Product Number	Description	Unleaded Fuels up to 10% Ethanol (≤E10)	Petroleum Diesel	Up to 25% Ethanol (≤E25)	Up to 85% Ethanol (≤E85)	Up to 100% Ethanol (≤E100)	Bio-Diesel		Av- Gas	Jet Fuel	Kerosene/ Fuel Oil
							Up to 5% (≤B5)	Up to 20% (≤B20)			
11A Series	Automatic Conventional Nozzles		UL/ULC				UL	UL			X
11AP Series	Automatic Conventional Nozzles	UL/ULC		UL/ULC							
11AF Series	Farm Nozzles		UL/ULC				UL	UL			X
11APF Series	Farm Nozzles	UL/ULC		UL/ULC							
11B Series	Pressure Sensing Automatic Conventional Nozzles		UL/ULC				UL	UL			X
11BP Series	Pressure Sensing Automatic Conventional Nozzles	UL/ULC		UL/ULC							
11BP E85 Series	Pressure Sensing Automatic Nickel Plated Conventional Nozzles	UL		UL	UL	X					
7H Series	Automatic High Flow Conventional Nozzles		UL/ULC				UL	UL			X
7HB Series	Pressure Sensing Automatic High Flow Conventional Nozzles		UL/ULC				UL	UL			X
12VW Series	Vacuum Assist Nozzles	UL									
311 Series	General Duty Manual Nozzles	UL	UL				X	X			X
190/210/295SC Series	Manual Bulk Nozzles	X	X	X			X	X			X
295SAJ	Manual Jet Fuel Nozzle								X	X	X
295SA/SAC Series	Manual Av-Gas Nozzles	X		X					X	X	X
1290 Series	Automatic Bulk Fueling Nozzles	X	X	X			X	X			X
1291 Series	Automatic Bulk Fueling Nozzles	ULC	ULC				ULC				ULC
241 Swivels	Two Plane Hose Swivels	UL/ULC	UL/ULC	UL			UL	UL			X
241TPS-0492	Nickel Plated Two Plane Hose Swivels	UL		UL	UL	X	UL	UL			X
45 Swivels	Two Plane Hose Swivels	UL/ULC	UL/ULC	UL			UL	UL			X
36S Swivels	Straight Swivels	UL	UL				X	X			X
25 Swivels	Bulk Straight Swivel	X	X	X			X	X	X	X	X
68EZR Breakaway	Various Reconnectable and Single Use Vac Assist Breakaways	UL/ULC	UL/ULC	UL			UL	X			X
VaporSaver™ 1	Tank Pressure Management System	UL / ATEX									
CVS2™	Central Vacuum System	UL									

UL - UL listed X - Compatible ULC - UL Canada