



Willamette Valley Company

www.wilvaco.com

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Partnering through service,
innovation, and integrity

POLYQuik® Chemical Resistance-P480

ASTM D 543-Evaluating the Resistance of Plastics to Chemical Reagents

	Splash & Spill (Less than 2 hrs.)	Long Term Exposure
ALCOHOL		
Methanol	⊕	X
Ethanol	⊕	X
FUELS, OILS & FLUIDS		
Diesel	⊕	○
JP8	⊕	○
Unleaded	⊕	○
ASTM Test Fuel	○	X
Motor Oil	⊕	⊕
Transmission Fluid	⊕	⊕
Hydraulic Fluid	⊕	⊕
10% Propylene Glycol	⊕	⊕
10% Ethylene Glycol	⊕	⊕
FERTILIZER		
10-34-0	⊕	⊕
28-0-0	⊕	⊕
SOLVENT		
Paint Thinner	⊕	○
Ethyl Ether	⊕	X
Xylene	○	X
Acetone	○	X
MEK	○	X
Methylene Chloride	X	X

	Splash & Spill (Less than 2 hrs.)	Long Term Exposure
ACID		
10% HCl	⊕	⊕
Conc. HCl	○	X
10% H ₂ SO ₄	⊕	⊕
Conc. H ₂ SO ₄	X	X
10% HF	⊕	○
10% H ₃ PO ₄	⊕	⊕
Conc. H ₃ PO ₄	○	X
10% Acetic Acid	⊕	○
Glacial Acetic Acid	X	X
10% Lactic Acid	⊕	⊕
85% Lactic Acid	○	X
ALKALI		
10% KOH	⊕	⊕
Sat. KOH	⊕	⊕
10% Caustic	⊕	⊕
Sat. Caustic	⊕	⊕
5% Sodium Hypochlorite	⊕	⊕
12% Sodium Hypochlorite	⊕	⊕

⊕ = Resistant
○ = Slight swelling or discoloration
X = Severe swelling or discoloration

DISCLAIMER OF WARRANTY

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