



Completion and Workover Chemicals

Product Name	Product Description	Application
Polymer Slurry		
PAPS-435L	35-40 Guar Slurry	4 ppg Guar Slurry
PAPS-440L	40-45 Guar Slurry	4 ppg Guar Slurry
PAPS-500L	CMC Slurry	4 ppg CMC Slurry
PAPS-600L	CMHPG Slurry	4 ppg CMHPG Slurry
PAPS-700L	HPG Slurry	4 ppg HPG Slurry
Friction Reducer		
PAFR-100L	Anionic Polyacrylamide	Fresh Water to Light Brines Friction Reducer
PAFR-110L	Anionic Polyacrylamide	Fresh Water to Light Brines Friction Reducer
PAFR-120L	Anionic Polyacrylamide	Light to Heavy Brines Friction Reducer
PAFR-130L	Anionic Polyacrylamide	Light to Heavy Brines Friction Reducer
PAFR-140L	Cationic Polyacrylamide	Light to Heavy Brines Friction Reducer
KCl Substitute		
PACS-100	Potassium Chloride Salt	Clay Stabilizer
PACS-110	Sodium Chloride Salt	Clay Stabilizer
PACS-175L	Choline Chloride Blend	Clay Stabilizer
PACS-200L	Choline Chloride Blend	Clay Stabilizer
Surfactants		
PAFB-100L	Proprietary Surfactant	Flowback Surfactant/Non-Emulsifier Combination
PAFB-110L	Proprietary Surfactant	Flowback Surfactant
PAFB-200L	Proprietary Surfactant	Non-Emulsifier
PAFB-210L	Proprietary Surfactant	Non-Emulsifier
Scale Inhibitor		
PASI-100L	DETA Phosphonate	Scale Inhibitor Effectively Stable Above 350°F
PASI-110L	ATMP Phosphonate	Scale Inhibitor Effectively Stable Above 350°F
PASI-120L	TEA Phosphate Ester	Scale Inhibitor Effectively Stable up to 210°F
PASI-200L	Polymeric Scale Inhibitor	Scale Inhibitor Effectively Stable up to 200°F
Please Contact for Inquiry		Solid Scale Inhibitor
Gel Stabilizer		
PAGS-100L	30% Sodium Thiosulfate	High Temperature Gel Stabilizer
PAGS-110L	Triethanolamine	High Temperature Gel Stabilizer
PAGS-120	Sodium Sesquicarbonate	High Temperature Gel Stabilizer
Buffers		
PABA-150L	Acetic Acid	Low pH/Zirconium Crosslinker Buffer
PABA-245L	Potassium Carbonate (45%)	High pH/Guar Based Buffering Additive
PABA-325L	Sodium Hydroxide (25%)	High pH/Guar Based Buffering Additive
PABA-350L	Sodium Hydroxide (50%)	High pH/Guar Based Buffering Additive
PABA-375L	Potassium Hydroxide (45%)	High pH/Guar Based Buffering Additive
PABA-400L	Potassium Carbonate/Potassium Hydroxide Blend	High pH/Guar Based Buffering Additive
PABA-500L	Environmentally Safe Caustic Replacement	High pH/Guar Based Buffering Additive
Crosslinkers		
PAXL-120L	2% Borate Crosslinker	Guar Based Instant Crosslinker
PAXL-125L	2% Buffered Borate Crosslinker	Guar Based Instant Crosslinker
PAXL-140L	4% Borate Crosslinker	Guar Based Instant Crosslinker
PAXL-145L	4% Buffered Borate Crosslinker	Guar Based Instant Crosslinker
PAXL-200L	Ulexite Crosslinker	Guar Based Delayed Ulexite Crosslinker
PAXL-300L	Zirconium Crosslinker	Low pH Crosslinker/CMC, CMHPG, HPG Crosslinker
Breakers		
PABK-100	Ammonium Persulfate	Low Temperature Instant Breaker (155° >)
PABK-110	Low Temperature Encapsulated Ammonium Persulfate	Low Temperature Encapsulated Breaker (160° - 180°F)
PABK-120	High Temperature Encapsulated Ammonium Persulfate	High Temperature Encapsulated Breaker (185° - 225°F)
PABK-200L	2% Sodium Chlorite	High Temperature Liquid Breaker
PABK-210L	5% Sodium Chlorite	High Temperature Liquid Breaker
PABK-220L	10% Sodium Chlorite	High Temperature Liquid Breaker
PABK-300	Sodium Bromate	High Temperature Granulated Breaker (250° - 280°F)
PABK-310	Encapsulated Sodium Bromate	High Temperature Encapsulated Breaker (280° - 325°F)
PABK-400L	Enzyme Breaker	Low Temperature Enzyme Breaker (75° - 180°F)
PABK-410L	Enzyme Breaker	High Temperature Enzyme Breaker (180° - 240°F)
PABK-500L	Calcium Peroxide Slurry	High Temperature Enzyme Breaker (100° - 180°F)
PABK-510L	Proprietary Peroxide Slurry	High Temperature Enzyme Breaker (180° - 240°F)
PABK-520L	Tert-butyl Hydroperoxide (10% Active)	High Temperature Enzyme Breaker (180° - 240°F)
Fluid Loss Control		
PAFC-100S	Fluid Loss Control Full System	System Used for Calcium Carbonate Bridging Solids
PAFC-110S	Fluid Loss Control Full System	System Used for Calcium Carbonate Bridging Solids
PAFC-200S	Fluid Loss Control Full System	System Used for Sodium Chloride Bridging Solids
PAFC-210S	Fluid Loss Control Full System	System Used for Sodium Chloride Bridging Solids
PAFC-300S	Fluid Loss Control Full System	Oil Soluble Resin Bridging Solids
PAFC-700S	Fluid Loss Control Crosslinked System	Plugging Material Used to provide a rigid crosslinked structure
Iron Control		
PAIC-100L	Iron Control	Inhibits the defects of high iron content in a fluid system
Diversers		
PAPD-100	Diversing or Bridging Agent	Maximum Processing Temperature at 446°F
PAPD-110	Diversing or Bridging Agent	Temperature will vary based on application
Corrosion Inhibitors		
PACI-100L	Corrosion Inhibitor	High temperature corrosion inhibitor (75° - 350°F)
PACI-110L	Corrosion Inhibitor	High temperature corrosion inhibitor (75° - 350°F)
PACI-150L	Corrosion Inhibitor Intensifier	Added to corrosion inhibitors to increase operating temperatures
PACI-160L	Corrosion Inhibitor Intensifier	Added to corrosion inhibitors to increase operating temperatures
Green Acid		
PAAR-100L	Environmentally Safe Synthetic Acid	Hydrochloric Acid Substitute which is fully inhibited

For availability on products and to place an order - Phone: (832) 379.5911 • Fax: (832) 379.5099