

KEY-TITE AND KEY GRAPHITE PASTE LADING GUIDE Page 1 of 4

LADING	KEY-TITE Temp. Range -50°F to 450°F	KEY-Graphite Paste Temp. Range -30°F to 750°F
Absorption Oil		•
Acetaldehyde		•
Acetate Solvents		•
Acetic Acid		•
Acetic Anhydride	•	•
Acetone	•	•
Acetylene Gas	•	•
Acetylene Generator Waste		•
Acid Sludge	•	
Acrylonitrile		•
Agitator Draw-off Refinery		•
Air	•	•
Alcohols, Methyl or Ethyl	•	•
Alcohols, Higher		•
Alkalies	•	
Alums	•	
Aluminum Acetate	•	
Aluminum Chloride, Anhydrous		•
Aluminum Resinate		•
Aluminum Sulfate	•	
Aluminum Salt Solutions	•	
Ammonia, Gas or Liquid	•	
Ammonia Liquor	•	
Ammonia Recovery Lines	•	
Ammonia Saturators	•	
Ammonium Chloride	•	
Ammonium Hydroxide	•	
Ammonium Nitrate	•	
Ammonium Phosphate	•	
Ammonium Salt Solutions	•	
Ammonium Sulfate	•	
Ammonium Sulfate Liquor	•	
Amyl Acetate		•
Amyl Chloride		•
Aniline		•
Aniline Oils		•
Animal Oils		•
Aqueous Solutions	•	
Aromatic Solvents		•
Arsenic Acid	•	
Arsenic Trichloride	•	
Asphalt		•
Asphalt Emulsions		•
Barium Carbonate	•	
Barium Chloride	•	
Barium Hydroxide	•	
Barium Salt Solutions	•	
Barium Sulfate	•	
Barytes	•	
Beer	•	

LADING	KEY-TITE Temp. Range -50°F to 450°F	KEY-Graphite Paste Temp. Range -30°F to 750°F
Benzaldehyde		•
Benzene (Petroleum Ether)		•
Benzene (Benzol)		•
Benzoate of Soda	•	
Benzoic Acid	•	
Bicarbonate of Soda	•	
Bituminous Paints		•
Black Liquor, Paper Industry	•	
Blast Furnace Gas	•	•
Bleach Liquor (Calcium Hypochlorite) •		
Blue Gas	•	•
Boiler Blow-Off (Steam)	•	•
Boiler Feeder Water	•	
Borax	•	
Boric Acid	•	
Brake Fluid		•
Bright Stock, Petroleum		•
Brines	•	
Bulk Stations		•
Bunker Oils (Fuel Oils)		•
Butadiene		•
Butane, Gas or Liquid		•
Butyric Acid	•	
Calcium Chloride	•	
Calcium Hydroxide	•	
Calcium Hypochlorite	•	
Calcium Salt Solutions	•	
Calcium Sulfate	•	
Carbolic Acid (Phenol Solution)		•
Carbon Dioxide, Gas or Liquid	•	•
Carbon Disulfide		•
Carbon Monoxide Gas	•	•
Carbon Tetrachloride		•
Carbonic Acid (Carbon Dioxide Solution) •		
Casein Paints	•	
Casing Head Gas		•
Caster Oil		•
Caustic Cell Liquors	•	
Caustic Potash (Potassium Hydroxide) •		
Caustic Soda (Sodium Hydroxide) •		
Cellulose Acetate		•
Cement Slurries	•	
Chestnut Extract	•	
Chlorinated Paraffin		•
Chlorinated Solvents		•
Chlorobenzene		•
Chrome Tanning Solutions	•	
Chromic Acid	•	
Citric Acid	•	
Clay Slips	•	
Coal Gas	•	•

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LADING	KEY-TITE Temp. Range -50°F to 450°F	KEY-Graphite Paste Temp. Range -30°F to 750°F
Coal Tar Oils		•
Coal Tar Solvents		•
Coal Washers	•	
Coconut Oil		•
Coke Oven Gas		•
Condensate	•	
Continuous Treaters, Refinery		•
Copper Solution	•	
Copper Sulfate	•	
Core Oil		•
Corn Oil		•
Corn Syrup (Glucose)	•	
Cottonseed Oil		•
Creosote Oil		•
Cresylic Acid (Cresol)		•
Crude Oil		•
Crude Oil and Brine		•
Cumene		•
Cutting Oils		•
Cyanide Solutions	•	
Denatured Alcohol	•	•
Dextrin	•	
Dextrose	•	
Dichlorethylene		•
Diesel Fuel		•
Diethanolamine		•
Distillate, Petroleum		•
Doctor Solution (Sodium Plumbite)		•
Doctor Solution and Gasoline		•
Downtherm		•
Drilling Mud	•	
Drinking Water	•	
Drip Cocks, Gas		•
Drip Oil		•
Dry Cleaning Fluid		•
Dyes, Oil Soluble		•
Elaine Red Oil (Oleic Acid)		•
Electrolytic Cell Liquor	•	
Emulsions	•	•
Epsom Salts	•	
Ethane Gas	•	•
Ethers		•
Ether, Petroleum		•
Ethyl Acetate		•
Ethyl Alcohol (Ethanol)	•	•
Ethyl Benzene		•
Ethyl Chloride (Gas or Liquid)		•
Ethylene Dibromide		•
Ethylene Dichloride		•
Ethylene Gas	•	•
Ethylene Glycol		•
Fatty Acids		•
Fatty Acids & Water		•
Ferric Chloride	•	
Ferric Nitrate	•	
Ferric Sulfate	•	
Ferrous Chloride	•	
Ferrous Sulfate	•	

LADING	KEY-TITE Temp. Range -50°F to 450°F	KEY-Graphite Paste Temp. Range -30°F to 750°F
Fertilizer Solutions		
Nitrate	•	
Phosphate	•	
Sulfate	•	
Filter House Lines		•
Fish Oil		•
Flavoring Extracts	•	
Flue Gas	•	•
Fluosilic Acid	•	
Foamite Lines	•	
Food Products	•	
Formaldehyde	•	
Formic Acid	•	
Freon, Gas or Liquid		•
Fruit Juices	•	
Fuel Oil		•
Fuming Sulfuric Acid		•
Furfural		•
Fusel Oil (Crude Amyl Alcohol)		•
Gallic Acid	•	
Gas Drips		•
Gas Fuel Lines		•
Gas Liquor (Ammonia Liquor)	•	
Gas, Manufactured	•	•
Gas, Natural	•	•
Gas Odorizers		•
Gas Oil		•
Gasoline, Low Aromatic		•
Gasoline, High Aromatic		•
Gasoline and Water		•
Gelatin	•	
Gin		•
Glacial Acetic Acid	•	
Glauber's Salt	•	
Glaze Liquid, Ceramic	•	
Glucose	•	
Glue	•	
Glycerine (Glycerol)	•	•
Glycols	•	•
Grain Alcohol (Ethyl Alcohol)	•	•
Grease		•
Green Liquor, Paper Industry	•	
Gypsum (Calcium Sulfate)	•	
Helium	•	•
Hemlock Extract	•	
Heptane		•
Heavy Oil, Coke Plant		•
Hexane		•
High Test Gasoline		•
Hydraulic Oil		•
Hydrochloric Acid		•
Hydrocyanic Acid		•
Hydrofluoric Acid		•
Hydrogen Gas	•	•
Hydrogen Chloride		•
Hydrogen Peroxide, Dilute	•	
Hydrogen Sulfide	•	•
Inhibited Acid	•	

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LADING	KEY-TITE Temp. Range -50°F to 450°F	KEY-Graphite Paste Temp. Range -30°F to 750°F
Ink, Washable	*	
Jet Fuel		*
Kerosene		*
Ketones, Except Acetone		*
Lactic Acid	*	
Lard		*
Latex	*	
Lead Arsenate	*	
Licorice Extract	*	
Light Oil, Coke Plant		*
Lignin Liquor	*	
Lime solutions	*	
Linseed Oil		*
Liquefied Petroleum Gas (LPG)	*	
Lithium Chloride	*	
Loading Racks, Petroleum		*
Logwood Extracts	*	
Low Temperatures	Refer to specific service	
Lubricating Oil, Petroleum		*
Lye Solutions	*	
Magnesium Chloride	*	
Magnesium Hydroxide	*	
Magnesium Salt Solutions	*	
Magnesium Sulfate	*	
Maleic Anhydride	*	
Malt Syrup (Maltose)	*	
Manganous Sulfate	*	
Manufactured Gas	*	*
Mash, Distillery	*	
Menhaden Oil (Fish)		*
Mercaptans		*
Mercerizing Solutions	*	
Mercuric Chloride	*	
Mercury	*	*
Methane Gas	*	*
Methyl Alcohol (Methanol)	*	*
Methyl Chloride, Gas or Liquid	*	
Methyl Ethyl Ketone		*
Methylene Chloride		*
Milk	*	
Milk of Lime	*	
Mine Water	*	
Mineral Oil		*
Mineral Spirits		*
Miscella		*
Molasses	*	
Monochlorobenzene		*
Monethanolamine		*
Mud Pump Lines	*	
Muriatic Acid		*
Naphtha, Petroleum		*
Naphtha Condensers		*
Naphtha Filter House, Refinery		*
Naphthalene		*
Natural Gas	*	*
Nickel Plating Solutions	*	
Nitre (Potassium Nitrate)	*	
Nitric Acid		*
Nitrobenzene		*

LADING	KEY-TITE Temp. Range -50°F to 450°F	KEY-Graphite Paste Temp. Range -30°F to 750°F
Nitrogen Gas	*	*
Nitrogen Solutions (Ammonium Nitrate) *		
Nitromethane		*
Oakite		*
Octane		*
Oil, Crude		*
Oil, Petroleum		*
Oil and Water Mixtures		*
Oil Tar		*
Oil of Vitriol (Sulfuric Acid)		*
Oleic Acid		*
Oleomargarine		*
Oleo Oil		*
Oleum (Fuming Sulfuric Acid)		*
Olive Oil	*	
Oxalic Acid	*	
Oxidizer (Nitrogen,		
Textroside Solvent, Air Force)		*
Paint, Latex Base	*	
Paint, Oil Base		*
Paint Thinner (Mineral Spirits)		*
Palm Oil		*
Palm Oil and Water		*
Palmitic Acid		*
Paper Stock	*	
Paraffin		*
Paraffin Oils		*
Peanut Oil		*
Pentane		*
Perchlorethylene		*
Petrolatum		*
Petroleum Ether		*
Petroleum Oil		*
Phenol		*
Phosphoric Acid	*	
Phosphorous	*	
Phthalic Anhydride	*	
Pickling Acids		*
Pine Resin		*
Pitch		*
Ploybutene		*
Polyethylene	?	?
Polyisobutylene		*
Potash (Potassium Carbonate)	*	
Potassium Chloride	*	
Potassium Hydroxide	*	
Potassium Salt Solutions	*	
Potassium Sulfate	*	
Printing Ink		*
Producer Gas		*
Propane, Gas or Liquid		*
Propylene		*
Prussic Acid (Hydrocyanic Acid)	*	
Pulp Lines, Paper Industry	*	
Pyridine	*	
Pyrogallic Acid	*	
Pyroigneous Liquors	*	
Quebracho Extract	*	
Quenching Oil		*

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LADING	KEY-TITE Temp. Range -50°F to 450°F	KEY-Graphite Paste Temp. Range -30°F to 750°F
Rapeseed Oil		•
Raw Gas Lines		•
Red Oil (Oleic Acid)		•
Residuum, Refinery		•
Road Oil		•
Roofing Tar		•
Rosin (Pine Resin)		•
Rubber Solvent		•
Sal Ammoniac (Ammonium Chloride) *		
Salicylic Acid	•	
Salt (Sodium Chloride)	•	
Salt Cake (Sodium Sulfate)	•	
Scouring Liquor, Woolen Mills	•	
Sea Water	•	
Sewage	•	
Sewage Gas	•	•
Shellac		•
Shock Absorber Fluid		•
Silicone Fluids		•
Slop, Brewery	•	
Sludge, Acid	•	
Slurries	•	
Snow Foam, Fire Fighting Equipment		•
Soap Solutions	•	
Soda Ash (Sodium Carbonate)	•	
Soda Liquor, Paper Industry	•	
Sodium, Molten	•	
Sodium, Bicarbonate	•	
Sodium Bisulfate	•	
Sodium Borate	•	
Sodium Carbonate	•	
Sodium Chloride	•	
Sodium Hydroxide	•	
Sodium Hypochlorite	•	
Sodium Phenolate	•	
Sodium Phosphate	•	
Sodium Salt Solutions	•	
Sodium Silicate	•	
Sodium Sulfate	•	
Soluble Oils		•
Solvent Naphtha, Coal Tar		•
Sour Gasoline		•
Sour Wash, Textile Industry	•	
Soy Bean Oil	•	
Spent Acid	•	
Spent Soap Lye	•	
Stannic Chloride	•	
Starch Solutions	•	
Steam	•	•
Stearic Acid		•
Stoddard Solvent		•
Strontium Nitrate	•	
Styrene Monomer		•
Sugar Solutions	•	
Sulfonated Oils		•
Sulfate Liquors		•
Sulfite Liquors	•	
Sulfur Chloride	•	
Sulfur Dioxide	•	•
Sulfur, Molten		•

LADING	KEY-TITE Temp. Range -50°F to 450°F	KEY-Graphite Paste Temp. Range -30°F to 750°F
Sulfur Monochloride		•
Sulfur Slurries	•	
Sulfur Trioxide	•	
Sulfuric Acid		•
Sulfurous Acid		•
Sweet Water	•	
Synthesis Gas		•
Synthetic Tannis	•	
Syrup	•	
Tall Oil		•
Tall Oil (Fatty Acids)		•
Tallow		•
Tankage, Rendering Plants	•	
Tannic Acid	•	
Tanning Liquors	•	
Tar		•
Tar Acid (Phenol)		•
Tar Oil (Creosote)		•
Tartaric Acid	•	
Tempering Oil		•
Tetraethyl Lead		•
Toluene (Toluol)		•
Transformer Oil		•
Triaryl Phosphate		•
Triethanolamine		•
Trisodium Phosphate	•	
Tung Oil		•
Turpentine		•
Ucon Fluids		•
Vacuum Service	•	•
Varnish		•
Vat Dyes	•	
Vegetable Dyes	•	
Vegetable Oils		•
Vegetable Oils and Water		•
Vegetable Tannis	•	
Vinegar	•	
Vinyl Chloride		•
Vinylidene Chloride		•
Viscose		•
Wash Oil, Coke Plant		•
Waste Pickle Liquor	•	
Water, Solutions or Suspensions	•	
Water Gas	•	•
Water Glass (Sodium Silicate)	•	
Water Softener	•	
Wax Emulsions		•
Waxes		•
Wet Gas Lines		•
Whiskey	•	
Whiskey Mash	•	
White Liquor and Water, Paper Industry*		
Wine	•	
Wood Alcohol (Methyl Alcohol)	•	•
Wood Pulp	•	
Wool Scouring Liquors	•	
Wort, Beer	•	
Xylene (Xylol)		•
Zinc Chloride	•	
Zinc Sulfate	•	