

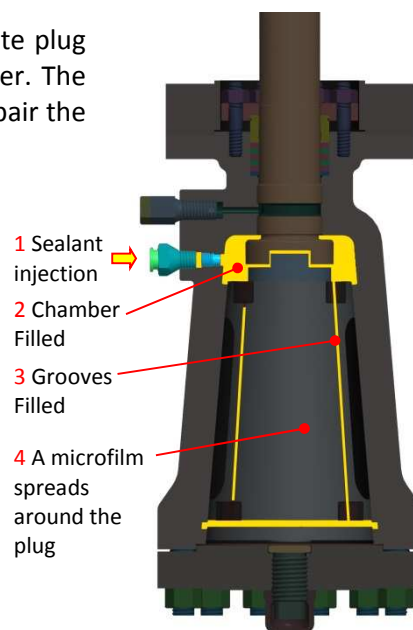
Valve Sealants



Valve Sealants are high viscosity fluids, specially produced to seal and lubricate plug valves. Valve sealants should be used in selected valves - consult with supplier. The use of a wrong sealant or commercial greases not recommended by us can impair the good functioning of the Valve and in the worst case seize it completely.

Valve Sealant is injected into the Super-H to ensure valve tight shut off and maintain low torque. Valve sealants have excellent lubricating properties and great film strength, they supplement Super LoMu treatment to reduce friction between the seating surfaces and provide a very effective seal even at higher line pressures.

Valve Sealants shall be selected based on service media and operating temperature, the tables below summarise our general sealant recommendations. Valve Sealant shall be carefully selected since the use of the correct Valve Sealant will minimize injection frequency. The tables are self-explanatory, however, if in doubt on sealant selection, supplier can suggest a suitable sealant against service details.



Multi-Purpose Valve Sealants

Valves research laboratories have paid great attention to the development of multi-purpose sealants to simplify plant maintenance where many services are encountered. As a result of this research, we are able to offer three sealants which cover a very wide variety of services and have replaced many of the older sealants. A single multi-purpose Valve sealant can often be used throughout an entire plant, often handling a variety of fluids. This simplifies maintenance and reduces the number of sealants which need to be kept.

Sealant	Form	Colour	Temp Range °C (°F)		Recommended for	Do not use on
			Min	Max		
733	K Sticks Cartridges Bulk	Cream	-20 (-4)	250 (482)	Most Hydrocarbons services, Butane, propane, gasoline, kerosene, oils, fuel oils and most hydrocarbon solvents. Sweet and sour natural and manufactured gas with water organic condensates, LPG systems, glycols.	Strong alkali and high aromatic and chlorinated solvents.
735	K Sticks Hard grade Bulk only	Black	-40 (-40)	325 (617)	Premium Multipurpose Sealant suitable for a range of fluids including hydrocarbons, water, amines and methanol Suitable for high / low temperature applications.	Neat petroleum products. Strong mineral acids. Chlorinated and aromatic acids.
731	K Sticks Cartridges Bulk	Cream	-15 (5) -20 (-4) -25 (-13)	230 (446) 230 (446) 230 (446)	Most chemical plant services, compressed air, water, aqueous solutions, dilute acids, all alkaline solutions tars and bitumens.	Strong acid solutions, hydrocarbons, chlorinated and aromatic solvents.

Specialised Sealants



Even though our multipurpose sealants can cover most applications, we can still supply our range of specialised sealants for those customers who need to utilize them.

Sealant	Form	Colour	Temp Range °C (°F)		Recommended for	Do not use on
			Min	Max		
985	K Sticks Cartridges Soft grade Bulk only	Light Brown	-10 (14)	150 (302)	Sweet and sour natural and manufactured gas with water/organic condensates. Preferred at elevated temperatures	As 733.
201	K Sticks Cartridges Bulk	White	-7 (-19)	200 (392)	Domestic water services, foodstuffs and pharmaceuticals.	As 731.
147	K Sticks Cartridges Bulk	White	-10 (14)	70 (158)	Nitrating acids, sulphuric acid and other oxidising elements.	Hydrocarbon chlorinated and aromatic solvents.
734	K Sticks Cartridges Bulk	Cream	0 (32)	170 (338)	Water, high pressure, hot water and steam.	As 731.
591	K Sticks Cartridges Bulk	Cream	0 (32)	300 (572)	Petroleum based heat transfer oils. Hot fuel oil to 120°C.	As 733.
608	K Sticks Cartridges Bulk	Off White	0 (32)	340 (644)	Hot hydrocarbon gases and vapours including high temperature cracking and reforming. Strong acids and alkalis to 150°C.	Aromatic and chlorinated solvents. Liquid hydrocarbons and nitrating acids.
733LT	K Sticks Cartridges Bulk	Brown	-30 (-22) -46 (-51)	150 (302) 100 (212)	As for 733, but particularly useful at lower temperatures and winter conditions.	As for 733
574	Cartridges Soft grade Bulk only	Beige	-50 (-58)	50 (122)	Ammonia and brine	As 731.
2977	K Sticks Cartridges Soft grade Bulk only	Black	-40 (-40)	325 (617)	As for 735, also oil and water mixtures where water content is above 50% in the mixture	As 735.



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