

**FOR BALL, GATE, PLUG, BUTTERFLY AND CONTROL VALVES**

	Description	Color	Temp Range		Principal Services
			From	To	
Standard Lubricants and Sealants	Desco 111 (HS) Hydrogen Sulfide	Black	-20F -29C	350F 177C	For valves, swivel joints, pumps and flanges in service on sour gases and crudes. Used worldwide in applications where hydrogen sulfide is present.
	Desco 111-LT	Black	-75F -57C	350F 177C	For use in valves under arctic conditions. Resistant to hydrogen sulfide and will not mix with water, preventing freeze-up in the valves
	Desco 600	Amber	-20F -29C	450F 232C	A superior lubricant formulated for resistance to hydrocarbons. Our most popular lubricant for non-sour services. Contains 100% synthetic oils with a non-soap thickener.
	Desco 620	Brown	0F -18C	300F 149C	For use in gate valves with liquid and gas hydrocarbon service.
	Desco 621	Brown	-50F -46C	200F 94C	A 100% synthetic, arctic grade "peanut butter" lubricant for use in gate valves in liquid and gaseous hydrocarbon service. Pumpable at sub-zero temps.
	Desco 622	Amber	-50F -46C	400F 204C	Expands the effective temperature range of synthetic valve lubricants while providing improved fuel and oil resistance.
	Desco 660	Dark Green	0F -18C	350F 177C	Aliphatic hydrocarbons, alkalis, dilute acids, salt water, water, hydrogen sulfide, sour crude and sour gas.
	Desco 750	Black	-20F -29C	900F 482C	High-temperature hydrocarbon service, asphalt, hot oil, lubricating oils and steam. Contains small percent graphite.
	Desco 800	Dark Amber	-20F -29C	400F 204C	Formulated for enhanced resistance to aromatic hydrocarbons and unleaded gasoline. Superior metal adhesion and resistance to hydrocarbon blends that have aromatic compounds.
	Desco 955	Blue-Black	-40F -40C	600F 316C	Chemically resistant to acids, caustics, hydrocarbons, aromatics and LPG. A superior quality all-purpose lubricant.
	Desco 960	Gray	-10F -23C	350F 177C	Formulated for valves that contain body cavities. An economical body fill that will displace water and other containments.
	Polymel Based	Desco Polymel 410 410 Clear	Purple (Clear av.)	-20F -29C	450F 232C
Desco Polymel 433		Green	-30F -34C	500F 260C	Enhanced hydrocarbon resistance and superior high-temperature performance; expanded low temperature range. Maintains heavy-bodied grease consistency after extended exposures to high temperatures. Resists acids and caustics.
Silicone Based	Desco 244	White	-40F -40C	+600F +316C	A synthetic lubricant formulated with silicone oils and inert fillers for water and expanded temperature applications. Excellent lubrication characteristics.
	Desco 244 Special	Black	-75F -59C	+300F +149C	Formulated for expanded temperature ranges and excellent lubrication characteristics. For use in O-rings, valves, metal on plastic and metal on rubber parts, cables and switches. Not recommended for lubricating bearings.
TFE-Filled	Desco TFE-Seal 104	Blue	0F -18C	450F 232C	For general hydrocarbon service. Contains fine grain PTFE particles suspended in a hydrocarbon-resistant base. Suitable use on threads, gaskets, stuffing boxes and valve stems.
	Desco TFE-Seal 108	Gray	-20F -29C	500F 260C	The ultimate sealant for internally worn or damaged valves. Contains a 100% synthetic base fluid for excellent resistance to washout from hydrocarbons. Can also be used as a sealant for stuffing boxes or as injectable packing.
	Desco Valve Cut	Black	-40F -40C	+400F +204C	Valve cleaner combination penetrant and lubricant to free stuck and hard-to operate valves.

**SPECIAL LUBRICANTS AND SEALANTS**

	Description	Color	Temp Range		Principal Services
			From	To	
Special Lubricants	Desco 50 Pure	Yellow	-20F -29C	350F 177C	For incidental food contact. Approved for manufacturing plants where there is incidental contact of lubricated parts to edible products
	Desco 100W Chemofluor	White	-30F -34C	350F 177C	For glycols, strong acids and strong alkalis, refining and petrochemical plants. Formulated for hard-to-hold applications such as glycols, solvents, strong acids and alkalis. Also recommended for aromatic service.
	Desco 990-GT	Black	0F -18C	+2000F +1093C	A water insoluble synthetic valve lubricant and anti-seize for use in extreme high temperature environments such as geothermal applications. Not recommended for hydrocarbon service.

**FOR VALVE STEMS, STUFFING BOXES AND LEAK SEALING**

	Description	Color	Temp Range		Principal Services
			From	To	
Injectable Packing	Desco TFEVersi-Pak	White	-20F -29C	500F 260C	Pumpable packing compound containing TFE-fluorocarbon particles blended into synthetic binder for use in stuffing boxes and for all types of valves, pumps and mechanical equipment.
	Desco TFE Dry Pak	Off-White	-70F -57C	450F 232C	Dry selected TFE-fluorocarbon for maximum bridging for valves and miscellaneous application. Has low friction and non-adhesive characteristics; may be used as a permanent packing.
	Desco TFE Polymel-Pak	Purple	-20F -29C	450F 232C	A pumpable PTFE packing compound for aliphatic hydrocarbon and hydrofluoric acid use where chemical resistance is needed.
	Desco TFE-1360 Chloro-Pak	Cream	-20F -29C	400F 205C	A pumpable packing designed for wet or dry chlorine service. Contains PTFE particles and a binder that will not deteriorate.
	Desco Black Stem-Pak	Black	-40F -40C	750F 399C	A pumpable packing designed for high-temperature hydrocarbon service suitable for some leak repair applications.
	Desco HS-Pak	Black	0F -18C	400F 205C	A pumpable packing formulated with high resistance to hydrogen sulfide and hydrocarbons. Resistant also to carbon dioxide, molten sulphur, water, salt and aliphatic hydrocarbons.
	Desco Arctic Pak	Blue	-70F -56C	600F 315C	A pumpable packing and sealant specially formulated for water and steam service under low-temperature conditions. Pumpable with a high-pressure (10,000 psi) lubrication hand gun even at sub-zero temperatures.
	Desco Black Wellhead Pak	Black	-75F -59C	250F 122C	A broad range injectable packing material compounded with a blend of synthetic oils, non-fiberglass synthetic fibers, dry film lubricant and inert fillers.
	Desco Green Wellhead Pak	Green	-75F -59C	250F 121C	For energizing of elastomer seals in crossover bushings in wellhead applications.
	Desco 625-Pak	Gray-Green	-80F -62C	500F 260C	For wellhead crossover seals and P-seals. Contains a blend of 100% synthetic base oils and inert solid fibers and fillers.
Thread Sealants	Desco TFE-Seal 300	Silver-Black	-20F -29C	400F 204C	Thread sealing compound for tool joints throughout the drill string.
	ThreadOn Hanna-Seal #55	Brown	0F -18C	150F 66C	A semi-curing thread compound manufactured for applications where a 100% seal is essential. An excellent sealant for line pipe carrying liquids or gases. Usable on threaded PVC, iron, steel, cooper or fiberglass.
	ThreadOn Hanna-Seal Special	White	-200F -129C	600F 315C	A special purpose lubricant-sealant for applications that require the best sealants. Suitable for critical services with high concentrations of CO <sub>2</sub> .



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Authorized Distributor | ThredOn Drilling Compounds & Desco Valve Lubricants

Description	Color	Temp Range		Principal Services
		From	To	
Desco Therm-O-Plate	Silver	-40F -40C	2200F 1204C	Therm-O-Plate 220 plates onto metal surfaces to withstand heat, pressure, wear and corrosive environments.
Desco Super Penetrant with TFE	Clear	N/A	N/A	Specially formulated penetrant and rust cutter designed for maximum penetration to give faster breakout. Can be used for all dismantling jobs throughout the plant, shop, rig or wherever metal parts are hard to operate or are frozen by corrosion.
Desco Red Bentone	Red	0F -18C	450F 232C	General purpose lubricant with added property or extreme pressure lubricity. Offers additional protection to meet today's high performance requirements.
Desco Marine Grease	Green	0F -17C	400F 204C	Formulated to offer superior lubrication protection in wet environments. Offers protection from corrosion and excellent water resistance.
Desco MAG-EP2 HT	Bluish Black	-50F -46C	400F 204C	General purpose non-melting lubricant with suspended molybdenum disulfide for special wear characteristics. Contains special additives for EP characteristics, corrosion inhibition and oxidation stability.
Desco Aqua-Sol 7	Medium Blue	N/A	N/A	Heavy duty butyl cleaner — not just a soap but a modern synthetic nonionic power detergent. Excellent rig wash.
Desco TFE Dry Lube	White	N/A	N/A	Mold release agent and lubricant with Vydax* fluoro-telomer. Forms a tough, thin, chemically inert coating with high dielectric and low friction coefficients. Use as a mold release for vacuum, hot stamp and injection molded plastic parts.
Desco TFE Dry Moly Lube	Black	N/A	N/A	Extreme temperature pressure lubricant. Inert to water, oil, alkalis and most acids.
Desco 347 Die Saver	Black	N/A	N/A	Semi-fluid petroleum base compound developed for use in harsh, extreme temperature applications. Solid film lubrication withstands temperatures far beyond fluid capabilities.
Desco CMPN	Clear	N/A	N/A	Oil-base coating designed for use as a protectant for cement trucks and equipment.
Desco Crete Release	Neutral	N/A	N/A	Lithium-12-hydroxystearate based release agent specially formulated for use with poured-in-place concrete.
Desco FM 431	White	-5F -21C	400F 204C	For food machinery where no direct contact with food is possible. Reduces heat, friction and drag.



**Efficient, cost-effective quality maintenance products for oil and gas exploration, pipeline refining and chemical industries.**

- Synthetic valve lubricants and sealants
- Special purpose machinery lubricants
- Synthetic packings and valve maintenance products
- Industry leadership worldwide
- Scientific Research / Product Quality Control

**DESCO™ Synthetic Valve Lubricants, Sealants & Packings**

Chemola Division of South Coast Products, Inc.  
P.O. Box 450109 / Houston, Texas 77245  
Phone (713) 225-0048 / Fax (713) 229-8304



**Product Packaging**

	Size	# per box	Size
1 Small Stick	B	3/8" x 1-1/2"	72
	C	7/16" x 2-1/8"	32
	D	1/2" x 2-1/4"	28
	G	5/8" x 3-1/2"	14
2 Large Stick	J	1-3/8" x 8-1/2"	16
	K	1-1/2" x 10-1/2"	12
3 Cartridges	2-1/8" x 9"		10 per carton

**Large Stick Packaging**

Large stick lubricant is available in two sizes:

• **J size** for use in the Delta 1699-09 high pressure lubricator

• **K size** for use in the Delta 1002-09 and 1602-09 lubricators.



All lubricators utilize buttonhead fittings to accomplish the 10,000 p.s.i. high pressure lubricant injection.

**Small Stick Packaging**

Small stick lubricants are used by removing a screw-type fitting located on the valve, inserting a stick of lubricant and replacing the the screw-type fitting. When the screw is turned, the stick of lubricant is forced into the specified parts of the valve to accomplish valve lubrication. The sticks come normally in sizes B, C, D and G. A smaller size A is available on request.



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