Characteristics of Nordstrom Sealants

	Sealant	Grades Temperature Range °F (°C)		Color	Principle Services	Unsuitable for	Composition			
Scale	Number	Available	From	I то	30.07		2200	Base Oil	Thickener	Additive
Bulk		Stick				and hot/oil steam combinations on burner front applications. Limit Edula light hydrocarbon	Liquid light hydrocarhons, aro-			71441111
St St 20 20 20 30 30 30 30 30	l l				Tan			ł		Antioxidants
Con Parks 79 6-77 590 340	167							Hydrocarbon		
Tube	-					oxidizing services for 500°F.	oxidizing services for 500°F.			
Authors		Guil Fuoli	20 (0.17	555 (6.5)						
	_	Tube	-40 (-40)	400 (204)	White	acid, acetic anhydride, ethyl alcohol below 250°F, natural gas com- pressor discharge, food and pahrmaceutical applications as determined by the user. NSF 61 approved for use in potable water systems and U.S.D.A. H-1 approved for food applications	hydrocarbons, strong mineral acids, aromatic and chlorinated	Silicone		None
Suck -40 (-40) 400 (200) -40 (-40) 400 (200) -40 (-40)	234	Gun Pack	-40 (-40)	400 (204)						
Substant				, ,						
	386				Cream		Services with organic solvents	Hydrocarbon		None
Action Companies Compani		Bulk	-40 (-40)	250 (121)		mined suitable by the user.		.,	Thickeners	
Bulk		Stick	10 (-12)	350 (177)	Brown	glycerine, glycols, soap, water and steam. Food and pharmaceuti- cal applications as determined by the user. NSF 61 approved for use in potable water systems and U.S.D.A. H-1 approved for food		Hydrocarbon	Inorganic Non-soap	None
Stur Pack 0 (-173) 300 (149) 500 (260) 700	421	Bulk	0 (-173)	300 (149)						
Second S		Gun Pack	0 (-173)	300 (149)						
Secondary Seco		Stick	-10 (23)	500 (260)	- Brown	gases including gasloine, kerosene, fuel and lubricating oils, crude distallates, sweet or sour natural and manufactured gas with water or organic condenstes, LPG systems, dilute acids and alkalies,		Vegetable Oil		Antioxidants, Friction Modifier
SS Bulk 20 (-29) 500 (260) 6 un Pack 20 (-29) 500 (260) 7 location 20 (-29) 500 (260	555	Bulk	- 20 (-29)	500 (260)						
Stick (J and K) -20 (-29) 500 (260)	-	SS Bulk	-20 (-29)	500 (260)						
Same as 555 but use only for extreme and prolonged winter color Aromatic solvents, strong acids Thickeners. Organi Thickeners. Organic Thickeners. Organi Thickeners. Organic Thickeners. Organi Thic		Gun Pack	-20 (-29)	500 (260)						
Stoke Figure Fi		Stick (J and K)	-20 (-29)	300 (149)			chemicals, hot air.	Vegetable Oil		Antioxidants, Friction Modifier
Stick S0 (10) S00 (260) Bulk O (-18) S00 (260) S00 (260) Sun Pack O (-18) S00 (260) Sulk S0 (11) S00 (149) Sulk S0 (67) S00 (149) Sulk S0 (67) Sulk S0 (67) Sulk S0 (67) Sulk	555 WG	Bulk	-40 (-40)	300 (149)	Brown					
Bulk 0.(1-18) 500 (260)				, ,						
Stick Stick Stick Stick Stick Stick Stock Store Stor					Brown	Solvent treating of lubricating oils, but hydrocarbon vapors and			Soan Organic	
Stick 30 (-1.1) 300 (149 500 (200)	654							Hydrocarbon		None
Polygycols Bulk 20 (-6.7) 300 (149 Gun Pack 20 (-6.7) 350 (177) Gun Pack -25 (-32) 350 (177) Gun Pack -50 (-6.6) 300 (149 Gun Pack -50 (-6.7) 300 (149 Gun Pack -50 (-6.7) 300 (260 Gun Pack -50 (-6.7) 300 (371 Gun Pack -50 (-6.7) 300 (260 Gun Pack -50 (-6.7) 300 (371 Gun Pack -50 (-6.7) 300 (260 Gun Pack -50 (-6.7) 300 (260 Gun Pack -50 (-6.7) 300 (260 Gun Pack -50 (-6.7) 300 (371 Gun Pack -50 (-6.7) 300 (260 Gun Pack										\vdash
Stick -86 (-87) 300 (149 140					Pink					Corrosion Inhibitor
Stick -85 (-65) 250 (121) Tan Natural gas transmission lines under variable extreme climatic temberatures Strong chemicals Synthetic Metalic Soap Thickeners	/55							Polyglycols		
Stick -20 (-29) 350 (177) Ecellent dual resistance to petroleum products and water. Particularly recommended for regular, premium and high cotane gasoline, kerosene, aviation and jet fuels, total prince and olivers and ubricating oils, mixtures of these products and water in all proportions. Usable to 400°F in non-oxidizing almospheres. Stong acids and alkalies. Synthetic Inorganic Non-Soa Thickeners										
Stick -20 (-29) 350 (177) Bulk -25 (-32) 350 (177) SS Bulk -10 (-32) 350 (177) Gun Pack -25 (-32) 350 (177) Bulk -50 (-46) 300 (149) Gun Pack -50 (-46) 300 (149) Bulk -20 (-29) 500 (260) Gun Pack -20 (-29) 500 (260) Bulk -30 (-34) 700 (371) Bulk -30 (-34) 700 (371) Bulk -30 (-34) 700 (371) Bulk -33 (-36) 400 (204) HT -22 (-30) 550 (288) Bulk -33 (-36) 400 (204) HT -22 (-30) 550 (288) Bulk -30 (-38) 400 (204) Highly resistant to regular, premium and high octane gastalance to petroleum products and water. Particularly recommended for regular, premium and high octane gastaline, the levels, their blending ingredients, such as alkylate and platformate, their and livels, their blending ingredients, such as alkylate and platformate, their and livels, their blending ingredients, such as alkylate and platformate, their and indigendents and plate their, such as a specification MIL-G-6032D "Grease Plug Valve, Gasoline, kerosene, fuel, and Iubricating oils, hydrocarbon solvents and natural gas, neutral brines and salt solutions. Stong acids and alkalies. Synthetic Inorganic Non-Soc matic and chlorinated solvents. Synthetic Inorganic Non-Soc matic and chlorinated solvents. Synthetic Silica and alkalies, arematic solvents, strong acids and alkalies. Synthetic Organic Thickener (alkalies, arematic solvents, and nitrating acids. Synthetic PTFE	862				Tan			Synthetic		Antioxidants
Bulk -25 (-32) 350 (177) Cream Particularly recommended for regular, premium and high octane gasoline, kerosene, aviation and jet fuel beinding ingredients, such as alkylate and platformate, fuel and lubricating oils, mixtures of these products and water in all proportions, Usable to 400°F in non-oxidizing atmospheres. Stong acids and alkalies. Synthetic Inorganic Non-Soa Thickeners, and platformate, fuel and lubricating oils, mixtures of these products and water in all proportions, Usable to 400°F in non-oxidizing atmospheres. Stong acids and alkalies. Synthetic Inorganic Non-Soa Thickeners, and platformate, fuel and lubricating oils, mixtures of these products and water in all proportions, Usable to 400°F in non-oxidizing atmospheres. Stong acids and alkalies. Synthetic Inorganic Non-Soa Thickeners, and lubricating oils, hydrocarbon solvents and natural gas, neutral Stong acids and alkalies. Synthetic Inorganic Non-Soa Thickeners, and lubricating oils, hydrocarbon solvents and natural gas, neutral Stong acids and alkalies. Synthetic Inorganic Non-Soa Thickeners, and lubricating oils, hydrocarbon solvents and natural gas, neutral Stong acids and alkalies. Synthetic Inorganic Non-Soa Thickeners, and platformate, fuel and lubricating oils, hydrocarbon solvents and natural gas, neutral Stong acids and alkalies, aromatic and chlorinated solvents. Synthetic Inorganic Non-Soa Thickeners, and alkalies, aromatic and chlorinated solvents. Synthetic Inorganic Non-Soa Thickeners, and alkalies, aromatic solvents, and natural gas, neutral Stong acids and alkalies, aromatic solvents, and natural gas, neutral Stong acids and alkalies, aromatic solvents, and natural gas, neutral pass, neutral pass, neutral gas,					Cream	Ecellent dual resistance to petroleum products and water. Particularly recommended for regular, premium and high octane gasoline, kerosene, aviation and jet fuels, fuel blending ingredients, such as alkylate and platformate, fuel and lubricating oils, mixtures of these products and water in all proportions, Usable to 400°F in	Ctong golds and alkalias	Synthetic	Inorganic Non-Soap	Antioxidants, Copper Corrosion Inhibitor
SS Bulk -10 (-32) 350 (177) Gun Pack -25 (-32) 350 (177) Bulk -50 (-46) 300 (149) Stick (J and K) -10 (23) 500 (260) Bulk -20 (-29) 500 (260) Gun Pack -20 (-29) 500 (260) Bulk -30 (-34) 700 (371) Bulk -32 (-30) 550 (288) White Approved under specification MIL-G-6032D "Grease Plug Valve, Gasoline and Oil Resistant". Approved under specification MIL-G-6032D "Grease Plug Valve, Gasoline, kerosene, fuel, and lubricating oils, hydrocarbon solvents and natural gas, neutral brines and salt solutions. Synthetic Inorganic Non-Soa Thickeners and salt solutions. Synthetic Silica Aromatic solvents, strong acids and alkalies, aromatic and chlorinated solvents. Synthetic Silica Synthetic Silica Synthetic Silica Bulk -33 (-33) 400 (204) HT -22 (-30) 550 (288) White Highly resistant to extremely aggressive chemicals at low carbon of divide concentrations. Supercritical Fluids, Fluorinated Synthetic PTFE	950	Bulk	-25 (-32)	350 (177)						
Bulk -50 (-46) 300 (149) Cream Aliphatic liquids and gasses including gasolines, kerosene, fuel, and lubricating oils, hydrocarbon solvents and natural gas, neutral prines and salt solutions. Synthetic Thickeners		SS Bulk	-10 (-32)	350 (177)						
Gun Pack -50 (-46) 300 (149) Stick (J and K) -10 (23) 500 (260) Bulk -20 (-29) 500 (260) Gun Pack -20 (-29) 500 (260) Bulk -30 (-34) 700 (371) Bulk -30 (-34) Fig. 100 (204) HT -22 (-30) 550 (288) Highly resistant to extremely aggressive chemicals at low carbon divide concentrations Storing actos and ankales, aromatic and chlorinated solvents. Synthetic Thickeners Synthetic Thickeners Synthetic		Gun Pack	-25 (-32)	350 (177)						
Gun Pack -50 (-46) 300 (149) Stick (J and K) -10 (23) 500 (260) Bulk -20 (-29) 500 (260) Gun Pack -20 (-29) 500 (260) Bulk -30 (-34) 700 (371) Black Elevated temperature services involving hot hydrocarbon gases and vapors, water, steam, and aqueous solutions. Synthetic Thickeners Thicke	960	Bulk	-50 (-46)	300 (149)	Cream	lubricating oils, hydrocarbon solvents and natural gas, neutral		Synthetic	Inorganic Non-Soa Thickeners	Antioxidants, Friction Modifier
Bulk -20 (-29) 500 (260) Green General purpose sealant for liquid and gaseous aliphatic hydrocarbon service suitable for gasoline, kerosene, fuel oils, crude distallates, aviation and jet fuel, natural gas. Oxidation resistant formula minimizes problems associated with sealant hardening and solids builup. Bulk -30 (-34) 700 (371) Black Elevated temperature services involving hot hydrocarbon gases and vapors, water, steam, and aqueous solutions. Bulk -33 (-36) 400 (204) HT -22 (-30) 550 (288) White Highly resistant to extremely aggressive chemicals at low carbon digivide concentrations. General purpose sealant for liquid and gaseous aliphatic hydrocarbons, carbon digital and gaseous aliphatic hydrocarbons, carbon digital and gaseous aliphatic hydrocarbon resistant for liquid and gaseous aliphatic hydrocarbon spaces. Further and alkalies, steam. Synthetic Silica Synthetic Silica Synthetic Silica	300	Gun Pack	-50 (-46)	300 (149)						
Bulk -20 (-29) 500 (260) Gun Pack -20 (-29) 500 (260) Bulk -30 (-34) 700 (371) Bulk -33 (-36) 400 (204) HT -22 (-30) 550 (288) Bulk -20 (-29) 500 (260) Green distallates, aviation and jet fuel, natural gas. Oxidation resistant formula minimizes problems associated with sealant hardening and solids builup. Aromatic solvents, strong acids and alkalies, steam. Synthetic Silica Silica Maromatic solvents, strong acids and alkalies, steam. Liquid light hydrocarbons, aromatic solvents, and nitrating acids. Synthetic Silica Synthetic Silica Synthetic PTFE		Stick (J and K)	-10 (23)	500 (260)		cabon service suitalble for gasoline, kerosene, fuel oils, crude distallates, aviation and jet fuel, natural gas. Oxidation resistant formula minimizes problems associated with sealant hardening and	and alkalies, steam.	Synthetic	Silica	Antioxidants, Corrosion Inhibitor
Gun Pack -20 (-29) 500 (260) Bulk -30 (-34) 700 (371) Black Elevated temperature services involving hot hydrocarbon gases and vapors, water, steam, and aqueous solutions. Bulk -33 (-36) 400 (204) HT -22 (-30) 550 (288) White Highly resistant to extremely aggressive chemicals at low carbon directly aggressive chemicals at low carbon Supercritical Fluids, Fluorinated Fluids, Fluorinated Synthetic PTFE	1033	Bulk	-20 (-29)	500 (260)	Green					
Bulk -30 (-34) 700 (371) Black Elevated temperature services involving flot hydrocarboin gases and aromatic solvents, and nitrating acids. Bulk -33 (-36) 400 (204) HT -22 (-30) 550 (288) White Highly resistant to extremely aggressive chemicals at low carbon dioxide concentrations. Highly resistant to extremely aggressive chemicals at low carbon dioxide concentrations. Supercritical Fluids, Fluorinated Fluids Fluorinated Synthetic PTFE		Gun Pack	-20 (-29)	500 (260)						
1200 HT -22 (-30) 550 (288) White Highly resistant to extremely aggressive chemicals at low carbon Supercritical Fluids, Huorinated Synthetic PTFE	1045			, ,	Black		aromatic solvents, and nitrat-	Synthetic	Organic Thickeners	Antioxidants
	1200	HT	-22 (-30)	550 (288)	White			Synthetic	PTFE	None
LT -94 (-70) 150 (66) Silica, Organic Thickeners 1200 SS HT 20 (-6.7) 650 (343) Tan Hot water, steam, hot oil, hot air, and coke oven gases. Liquid light hydrocarbons, aromatic solvents, or nitrating acids. Hydrocarbon Thickeners	1200 SS				Tan	Hot water, steam, hot oil, hot air, and coke oven gases.	aromatic solvents, or nitrat-	Hydrocarbon		Antioxidants

Nordstrom VXX valve cleaner is a combination cleaner and lubricant designed to soften and remoisturize dried sealant residues and deposits in clogged hard to operate valves. VXX valve cleaner is a microsilica-thickened vegetable oil product which is compatible with other valve lubricants / sealants and is not harmful to rubber parts. This product contains an organic molybdenum compound that will provide extra lubricity and help prevent galling and scoring. VXX valve cleaner is available in 1-quart bottles, 5-quart cans, or in Gun Pak form.