

# CHECK SEAL - CHEMOLA USER GUIDE

CHECKSEAL SEALANTS	Product Form	Chemical Family	Temp. Range deg. F	Cures Properly deg. F	Flow Prop. @70 F, 12" of 3/8" Hose, .156 injection hole	Applications	Information
<b>High Temperature Thermosetting &amp; Elastomeric Sealants</b>							
CS #3B	Gallon pails	Extremely tough rubber	40 to 700	Cures to a tough rubber at 350 to 400 deg.	Tough Paste. As mixed, flows well at 250 - 500 psi.	Acids, steam, some solvents, fuels, glycols, mild alkalis, aliphatic hydrocarbons, hot oils, kerosend, steam, water, liquors. Also has been used successfully as a secondary micro-void filler after injecting a different sealant on the real problem leaks.	Room temperature
CS #4	"J" kit with syringe	Two part tough rubber	65 to 550	65 deg. non-adhesive cure, rubber	Just the two parts mixed flows well. 500 psi and up when mixed with fibers.	Acids, alkalis, hydrocarbons, ammonia, water, steam, BFW <b>(CAUTION: Some of the additives in the steam and bfw can kill the cure.)</b>	Keep at 70 deg or cooler;
CS #8	gallon kit or "J" kit	Elastomeric plastic resin, extreme shock resistance.	50 to 450	50 deg. Elastomeric plastic can be used with fibers	Just the two parts mixed flows well. 500 psi and up when mixed with fibers.	Transformer oil, SF6 gas, fuels, hot oil, water, steam; <b>CAUTION: Some of the additives in the steam and bfw can kill the cure.)</b>	Keep at 70 deg or cooler;
CS #9	Quart or gallon	Thermosetting resin	200 to 700 (can be higher depending on fiber package)	Over 250 deg hard cure	pourable liquid	Steam,boiler feed water, acids, alkalis,ammonia,hydraulic fluids,hydrocarbons, refrigerants, propane; <b>CAUTION:(Some of the additives in the steam and bfw can kill the cure)</b>	Keep at 70 deg or cooler;
CS #9B	"J" Sticks	Thermosetting resin reinforced with a fibrous bulk	200 to 700	Over 250 deg hard cure	450 psi well if more fibers are added pump psi will be greater.	Steam,boiler feed water, acids, alkalis,ammonia,hydraulic fluids,hydrocarbons, refrigerants, propane; <b>CAUTION:(Some of the additives in the steam and bfw can kill the cure)</b>	Keep at 70 deg or cooler; may be kept in freezer for longer shelf life
CS #9F	"J" sticks	Thermosetting resin reinforced with a special, more fibrous bulk	200 to 1000	Over 250 deg hard cure	450 psi well if more fibers are added pump psi will be greater.	Steam, boiler feed water, acids, alkalis, ammonia, hydraulic fluids, hydrocarbons, refrigerants, propane; <b>CAUTION:(Some of the additives in the steam and bfw can kill cure)</b>	Keep at 70 deg or cooler; may be kept in freezer for longer shelf life
CS #11	cartridges	One part rubber;fibers can be used	50 to 550	cures to a soft, low durometer solid	As is in tube flows well. 500 psi and up when mixed with fibers.	Acids,glycols, hydrocarbons, refrigerants, water, steam,bfw and many solvents <b>(CAUTION: Some of the additives in the steam and bfw can kill the cure.)</b>	Keep at 70 deg or cooler;
CS #17	cartridges	One part rubber;fibers can be used	50 to 600	cures to a soft, low durometer solid	As is in tube flows well. 500 psi and up when mixed with fibers.	Acids,glycols, hydrocarbons, refrigerants, water, steam,bfw and many solvents <b>(CAUTION: Some of the additives in the steam and bfw can kill the cure.)</b>	Keep at 70 deg or cooler;
CS #20	"J" kit with syringe	Two component; extremely viscous liquid	40 to 235	cures to a low adhesion rubber	Just the two parts mixed flows well. 500 psi and up when mixed with fibers.	Transformer oils, fuels, hot oils, refrigerants, alcohols, chemicals, and solvents	Keep at 70 deg or cooler;
CS #22	Quart Kits	Two component; elastomeric compound	20 - 350	cures semi-hard, low adhesive. Becomes more flexible as temperature increases.	Two parts mixed, flows well.	Tough solvents, acids, and bases; <b>Becomes more flexible as temperature increases. More stable under vibrating conditions.</b>	Keep at 70 deg or cooler
CS #42	7" tubes	Epoxy adhesive putty	40 - 300	cures rock hard, may be drilled, tapped, sanded, filed	Hand-mixed	Hydrocarbons, ketones, esters, gasoline, liquors, oils, BFW, alcohols, refrigerants, diluted acids	Room temperature
CS #55	5/8"X 3" plugs	Synthetic rubber with fibers	(-)20 to 450	Cures to a hard rubber; solid	Use a special sealant gun. Heat plugs or high psi	Fuels,glycols,mild acids,aliphatic hydrocarbons,hot oils,kerosene,steam,bfw,liquors	Keep at 70 deg or cooler;
CS #56	5/8"X 3" plugs	Synthetic rubber with fibers	(-)20 to 550	Cures to a hard rubber; solid	Use a special sealant gun. Heat plugs or high psi	Steam,misc chemicals, Not good in oils	Keep at 70 deg or cooler;

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<b>Teflon Based Sealants and Packings</b>							
DESCO 1360 TFE CHLORO PAK	gallon cans or "J" sticks	PTFE With synthetic binder	(-)20 to 400	non-curing	2000 psi, flows fair	Wet and dry chlorine service: Caution: PTFE exposed to temperatures above 500 deg. F generates free flourine gas.	Keep in Dry Area, warehouse
DESCO TFE VERSI PAK	gallon cans or "J" sticks	PTFE With synthetic binder	(-)20 to 500	non-curing	2000 psi, flows fair	alkalis, butane, gasoline, hydrofluoric acid, natural gas, propane: Caution: PTFE exposed to temperatures above 500 deg. F generates free flourine gas	Keep in Dry Area, warehouse
CS CHEMPAX	gallon pails	PTFE With synthetic binder	(-)20 to 500	non-curing	2000 psi, flows fair	alkalis, butane, gasoline, hydrofluoric acid, natural gas, propane (bet for online leak sealing due to the fibers)Caution: PTFE exposed to temperatures above 500 deg. F generates free flourine gas	Keep in Dry Area, warehouse
CS CHEMPAX C	gallon pails	PTFE With synthetic binder	(-)20 to 500	non-curing	2000 psi, flows fair	alkalis, butane, gasoline, hydrofluoric acid, natural gas, propane (also good for chlorine service)Caution: PTFE exposed to temperatures above 500 deg. F generates free flourine gas	Keep in Dry Area, warehouse
DESCO 625 PAK	gallon can or "J" sticks	TFE With blend of synthetic oils as binder	(-)80 to 500	non-curing	1400 psi, flows fair	hydrocarbons, steam, water, sour gas, sour crudeCaution: PTFE exposed to temperatures above 500 deg. F generate free flourine gas.	Keep in Dry Area, warehouse
DESCO TFE POLYMEL PAK	gallon cans or "J" sticks	Solid synthetic lubricants	(-)20 to 450	non-curing	500 psi, flows well	alkalis, butane, gasoline, hydrofluoric acid, natural gas, propane: Caution: PTFE exposed to temperatures above 500 deg. F generate free flourine gas.	Keep in Dry Area, warehouse
DESCO TFE DRY PAK	1 pint friction top can or gallon cans	Dry TFE-fluorocarbon packing	(-)70 to 450	non-curing	Non pumpable	Good in most chemicals Caution: PTFE exposed to temperatures above 500 deg. F generates free flourine gas.	Keep in Dry Area, warehouse
<b>Non-Curing Sealants and Packings</b>							
CS RPG	gallon cans or "J" sticks	High temperature packing with tough fibers	(-)65 to 1200	non-curing	900 psi, flows well	glycols, hydrocarbons, water, steam,bfv. and many solvents. Good general purpose, high temperature valve packing	Keep in Dry Area, warehouse
CS #6B	gallon can or "J" sticks	High temperature packing with tough fibers	(-)65 to 800	slight cure	900 psi, flows well	glycols, hydrocarbons, water, steam,bfv. and many solvents. Good general purpose valve packing	Keep in Dry Area, warehouse
CS #18	"J" sticks	Valve Stem Packing	500	non-curing		acids, HF, caustics	Keep in Dry Area, warehouse
DESCO BLACK STEM PAK	gallon can or "J" sticks	High temperature packing with tough fibers	(-)40 to 750	non-curing	900 psi, flows well	Aliphatic hydrocarbons, asphalt, hot oil, steam, geothermal	Keep in Dry Area, warehouse
DESCO 955 LUBRICANT - SEALANT	"J" sticks	Blend of synthetic oil and solid lubricants	(-)40 to 600	non-curing	800 psi, flows well	aliphatic hydrocarbons, butane, fuel oil, hot asphalt, hot gases, hot oil, LPG, and natural gas	Keep in Dry Area, warehouse
DESCO ARCTIC-PAK	"J" sticks	Silicone oils, inert fillers, and syn. Fibers	(-) 70 to 600	non-curing		Aqueous solutions, hydrocarbons, (low temperatures) water and steam	Keep in Dry Area, warehouse
<b>Bulk Fiber Additive</b>							
ARAMID	9 lb. bag 1 lb. can	Aramid fibers	(-)65 to 700	Treated loose fibers	Non pumpable	Short fibers, treated with inert filler strengthening and raising the viscosity of the pourables	Keep in Dry Area, warehouse