



Kelso Vacuum Relief Valve Naming Convention

Sample ==>

KVR4.5S		316	04		C	
Model Number	Material	Carolina Seal Material		Carolina Seal #	Face Configuration	Optional Modifications
KVR1.5S KVR3.0S KVR4.5S	316	01	FDA-Approved White Neoprene	WHNE842	B Raised Face T Threaded 2-1/2" NPT	A Baffle O Passivation/ASTM262A Corrosion Testing O1 ASTM A262 Corrosion Testing Only O2 Passivation Only O3 Passivation/Ferroxyl Test (ASTM A380) and ASTM A262 Corrosion Testing O4 Passivation/Ferroxyl Test (ASTM A380)
		02	Neoprene	NE070		
		04	EPDM Peroxide Cured	EP787		
		05	Buna N	BN661		
		07	Viton® A	4273A		
		08	Viton® B	4273B		
		09	Viton® GF-S	5350		
		10	Kalrez® 6375	K6375		
		11	Chemraz® C505	C505		
		12	Simriz® 7301	7301		
		13	Viton® GFLT-S	5355		
		14	FDA Approved White Buna N	WHBN386		
		15	Viton Extreme ETP	5176		
		16	Kalrez 7090			
		17	CS 9703 (purple)	9703		
		18	Simriz 7295			
		19	White EPDM	WHEP521		
		20	FDA Approved Viton A (Black)	4560		
		21	FDA Approved White Viton A	WHVA278		
		22	Kalrez 4079	4079		
		23	Kalrez 1050			
		24	Isolast J9503	J9503		
		25	White Viton® GF-S - FDA	5310FG		
		99	CS 4273 (not available)	4273**		
		VSP Material		VSP Seal #		
		31	FDA-Approved White Neoprene	E16		
		32	Neoprene	E11		
		33	EPDM Peroxide Cured	E03		
		35	Buna N	E01		
		37	FDA Approved Viton A (Black)	E40		
		38	Viton® B	E10		
		39	Viton® GF-S	E22		
		40	Kalrez® 6375	E21		
		41	Chemraz® C505	E51		
		42	Flagship Simriz®	E49		
		43	Viton® GFLT-S	E25		
		44	FDA Approved White Buna N	E17		
		45	Viton Extreme ETP	E37		
		46	Kalrez 7090	E50		
		48	Simriz® - Increased Resistance	E48		
		49	White EPDM	E28		
		52	Kalrez® 4079	E46		
		53	Kalrez® 1050	E42		
		55	White Viton® GF-S - FDA	E44		

Original Release 7.17.15
Revision 6 - (08/01/2023)
KTUD 1331

** For ExxonMobil, Carolina Seal compound #5350 seal material is the approved alternative for Carolina Seal O-Ring compound #4273. Carolina Seal 4273 is only available for O-Rings. Option "09" for seal material must be specified