



# ELASTOMERIC SEAL COMPOUND SUMMARY

Compound	Min. Service Temperature (°F/°C)	Max. Service Temperature (°F/°C)	Hardness (° Shore A)	Color	Chemical Compatibility (Examples)	Others
CHEMRAZ® 504	-22/-30	446/230	65	black	universal resistance	
CHEMRAZ® 505	-22/-30	446/230	75	black	universal resistance	the proven standard for chemical resistance
CHEMRAZ® 555	10/-12	600/316	80	black	universal resistance	high temperature resistance with chemical resistance equal to 505
CHEMRAZ® 510	-22/-30	446/230	90	black	universal resistance	for larger gaps and higher pressures
CHEMRAZ® 526	-4/-20	482/250	95	black	universal resistance	rapid gas decompression resistant
CHEMRAZ® 600	-4/-20	500/260	90	black	universal resistance	like 510, with higher temperature resistance
CHEMRAZ® 605	-4/-20	500/260	80	black	universal resistance	like 505, with higher temperature resistance
CHEMRAZ® 517	-22/-30	428/220	80	white		when black contaminations have to be avoided
CHEMRAZ® 585	-22/-30	428/220	80	cream	especially for strong oxidizers	when black contaminations have to be avoided
CHEMRAZ® 615	0/-18	615/324	80	black	universal use; not in hot amines and hot water/steam >212°F (100°C)	high temperature continuous operating conditions
FLUORAZ® 797	23/-5	450/232	80	black	hot water/steam, thermal oils, mineral oil, heavy oil, hydraulic and brake fluids, sour gas up to 35%, amine corrosion inhibitors, gamma-radiation; not in acetone, benzene, aromatic and chlorinated hydrocarbons, Freons and ketones	in certain media up to a service temperature of 525°F (274°C) 799 is rapid gas decompression resistant
FLUORAZ® 799	23/-5	450/232	90	black		
HNBR 207	-40/-40	350/177	70	black	mineral oils and greases, diluted acids and caustics, ozone, hydrogen sulfide and amine corrosion inhibitors; not in aromatic and chlorinated hydrocarbons, ketones, phenoles, high H <sub>2</sub> S concentrations	especially for low temperature
HNBR 209	-30/-34	300/149	90	black		
HNBR 965	-65/-54	350/177	75	black		
FKM 772	-40/-40	450/232	75	black	mineral oils and greases, many acids and bases, aliphatic, aromatic and chlorinated hydro-carbons, sour gas up to 5 %; not in hot water/steam >212°F (100°C), amines, alcohol and ketones	especially for low temperature
FKM 926	-20/-29	450/232	90	black		rapid gas decompression resistant; FKM 935 is resistant against methanol and sour gas up to 20%
FKM 935	-35/-37	450/232	90	black		
EPDM 843	-50/-46	300/149	80	black	hot water/steam, acetone, diluted acids and caustics; not in mineral oil products	in hot water/steam up to 360°F (182°C)

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