

HECKER ELASTOMER MATERIALS

Basis of material	Material No. WS	colour (if notlack)	Hardness (+/- 5 ShA)	Temp.range from (°C)	Temp.range up to (°C)	Media resistance	Approvals	WS
VMQ MVQ Silikon	105	blue	50	-40	+ 230	hot air, oxygen, ozone, Heißluft, Sauerstoff, Ozon, natural surroundings, animal and herbal fat and oils		105
	106	blue	60					106
	107	blue	72					107
	108	blue	81					108
	117	grey	72				FDA	117
	126	uncoloured	60					126
	128	grey	80				FDA	128
FPM FKM Fluor-elastomere	202	dark brown	72	-15	+250	mineral oils, fat, treacly inflammable hydraulic liquids, aliphatic and chlorinated hydrocarbons, very well for vacuum	FDA	202
	204		90				FDA	204
	212		72	-10				212
	231		60	-30				223
	232		72					232
	241		61	- 10				241
	242		72					242
	258		80	-15			DVGW, BAM	258
266		72	DVGW		266			
EPDM EPM Ethyl-Propylen-Elastomere	283		85	-40	+200	Hot water, superheated steam, brake fluid, hydraulic liquids based on glycol or phosphoric acid basis, lyes, solvents. Not resistant to mineral oil.		283
	287		72				BAM, FDA, KTW USP Class VI, Ozon, W270	287
	293		82				KTW, FDA, Ozon	293
	297		73				FDA	
HNBR	312		75	- 25	+ 170	aliphatic hydrocarbons, mineral oils, fat, hot waters, glycols, good mechanical qualities		302
	317		74	-20			FDA	308
CR	528		86	- 40	+ 120	Cold means		528
	556		62					556
	557		71					557
NBR	602		73	- 50	+ 120	mineral oils, fats, fuels, hydraulic liquids, salty liquids, watered acids and lyes		602
	603		82					603
	607		72	- 40				607
	636		65	- 30				636
	637		71				DVGW	637
	638		85				DVGW	638
	655		55				655	
	678		80				678	
	707		73	DVGW			707	
	857		75	- 20				857
	858		87					858
	859		92					859
	877		67					877

The stated maximum-temperatures are limits, that are to be seen in the context of the contact-medium and the business-pressure. The duration-use-temperatures always lie lower. If you don't find an acceptable material, please contact us.