



## Gasket qualities

Elastomer	VMQ (MVQ) silicone rubber	NBR nitrile rubber (Perbunan)	EPDM ethylene propylene dien monomer rubber	FKM fluororubber (Viton)	HNBR hydrogenated acrylonitrile butadiene rubber (Therban)
<b>colour</b>	red	blue	black	green	black
<b>allowance</b>	BgVV XV. FDA	BgVV XXI. FDA	BgVV XXI. FDA / USP class VI	BgVV XXI. FDA / USP class VI	BgVV XXI. FDA
<b>operating temperature:</b> water steam (max.) acids/lyes	-30 – 100°C short-time 120°C dependg. on concentr.	-20 – 100°C short-time 130°C dependg. on concentr.	-40 – 130°C 140°C dependg. on concentr.	-15 – 80°C not suitable dependg. on concentr.	-25 – 130°C short-time 140°C dependg. on concentr.
<b>examples:</b> caustic soda solution 5% nitric acid 5% phosphoric acid 2% milk <5% fat beer, cold wort hot wort distilled water	B B A A A C	B B A A A C	A A A A A B A	B A A A A C	A A A A A A
<b>in general:</b> inorganic salts diluted lyes diluted inorganic acids concentrated lyes concentr. inorganic acids alcohol organic acids ester ether hydrocarbon fuels mineral oil/fat animal oil/fat vegetable oil/fat ozone	B B B C C B C B B C C B B B A	B B B C C C C B B B B A A A C	A A A A B A B C C C C C C C A	A B A C A A C C B A A A A A	A A B B C B C C C B A A A A

A: well resistant – B: limited resistant – C: not resistant