

Mechanical Seals – Material Codes

Material Code Rotating seal and stationery seal	Material key	
	Fristam 2nd position	Fristam 3rd position
Carbon	N	1
Stainless steel (CrNiMo)	E	5
Ceramic	B	2
Tungsten carbide	K	10
Silicon carbide	V	21
CrNiMo Chromium oxide coated FL2	F	
Example: Single mech. seal: 2N5E3 2 = CrNiMo – N = carbon – 5 = CrNiMo – E = EPDM		
Flushed mech. seal: 2V21P/2N5P 2 = CrNiMo – V = Silicon carbide – 21 = Silicon carbide – P = NBR / 2 = CrNiMo – N = carbon – 5 = CrNiMo – P = NBR		
Description spring and other construction materials	Material key	
	Fristam 1st position	
CrNiMo	2	
Hastelloy C	5	
Secondary seals	Material key	
	Fristam 4th position	
NBR Perbunan	P	
NBR Perbunan (F&DA-certificate)	P2	
EPDM EPDM alcohol-resistant/F&DA certificate	E3	
FKM Viton (F&DA-certificate)	V2	
FFKM Kalrez	X	
PTFE (Teflon) for FK / otherwise FEP-V in use	T	
FEP-V (FKM / FEP encapsulated)	M5	