

Hose sleeves	NR-NR	NR/ L-NR	NR/ LH-NR	NR/T- NR/T	NR60- NR60	CR-NR	NBR-NR	NBR/ L-NR	NBR/ LH-NR	CSM-NR	SBR-NR	FPM-CR	ECO-CR	EPDM- EPDM	EPDM/ L-EPDM	EPDM/ LH-EPDM	VMQ-VMQ	VMQ/ L-VMQ
Inner hose cover	NR black	NR black FDA	NR pale FDA	NR black	NR black	CR black	NBR black	NBR black FDA	NBR pale FDA	CSM black	SBR black KTW	FPM/FKM black	ECO black	EPDM black	EPDM black FDA	EPDM pale FDA	VMQ/MVQ red brown	VMQ/MVQ translucent FDA
Chemical description	Naturkautschuk																	
Trade namens	Para																	
Aging resistance		4				2	3			1	2	1	2	1			1	
Ozone resistance		5				1	3			1	3	1	2	1			1	
Benzin / fuel resistance		6				3	1			6	6	1	2	5			5	
Oil and fat resistance		6				2	1			1	6	1	2	4			1	
Solvent resistance		6				3	3			5	5	1	5	3			2	
Acid resistance		2				2	4			1	2	1	4	1			5	
Alkali- / base resistance		2				2	3			2	2	1	5	2			5	
Hot water resistance		2				2	3			2	2	2	4	2			5	
Abrasion resistance		1				2	2			2	1	4	3	3			5	
Elasticity		1				2	2			3	2	4	2	3			4	
Inner hose cover conductive < 1.000.000 Ohm	x						x	x				x		x				
Outer hose cover	NR black	NR black	NR black	NR black	NR black	NR black	NR black	NR black	NR black	NR black	NR black	CR black	CR black	EPDM black	EPDM black	EPDM black	VMQ red brown	VMQ translucent
Temperature max.	+ 80 °C	+ 80 °C	+ 80 °C	+ 90 °C	+ 80 °C	+ 80 °C	+ 80 °C	+ 80 °C	+ 80 °C	+ 80 °C	+ 80 °C	+ 110 °C	+ 110 °C	+ 120 °C	+ 120 °C	+ 120 °C	+ 180 °C	+ 180 °C

Material properties
Grading: 1 = very good, 2 = good, 3 = satisfying,
4 = sufficient, 5 = deficient, 6 = insufficient

All information is for guidance only. The properties depend on the particular conditions of use as pressure, temperature and chemical composition of the medium.