

Bellow Construction

Bellow design			Bellows colour code	max. pressure / max. permissible temperature bar/°C																		
Core (inner)	Reinforcing material	Cover (outer)		Type 39	Type 40	Type 42	Type 45	Type 46	Type 48	Type 49	Type 50	Type 51	Type 53	Type 54	Type 55	Type 56 - 59	Type 60	Type 61	Type 62	Type 63	Type 64	
EPDM	Aramide/ Special cord	EPDM	red-red	25/130	25/130	80/130	/	16/100	16/110	25/130	16/130	/	/	/	16/130	6/120	10/110	6/110	/	6/110	/	
EPDM	Nylon cord	EPDM	red	16/90	16/90	16/90	10/90	16/90	16/90	/	/	16/90	16/90	/	16/90	10/90	6/90	3/90	6/90	6/90	0.5/120	
EPDM	Steel cord	EPDM	red-red-blue	16/130	/	16/130	/	16/110	/	/	/	/	/	/	/	/	/	/	/	/	/	
Perbunan NBR	Aramide/ Special cord	Perbunan NBR	yellow-blue	25/120	25/100	80/120	/	/	/	/	/	/	25/120	/	/	6/120	/	/	/	/	/	
Perbunan NBR	Nylon cord	Chloroprene CR	yellow	16/80	16/80	16/80	/	16/90	/	25/100	16/100	/	16/90	10/90	16/100	10/90	6/90	3/90	6/90	6/90	0.4/100	
Perbunan NBR	Nylon cord	Chloroprene CR	orange	/	16/90	/	/	16/90	/	/	25/100	/	/	/	/	/	/	/	/	/	/	
Perbunan NBR	Steel cord	Chloroprene CR	yellow-yellow	16/100	/	/	/	16/100	/	16/100	16/100	/	/	/	16/100	/	/	/	/	/	/	
Hypalon CSM	Aramide/ Special cord	Hypalon CSM	green-blue	25/120	25/130	80/120	/	/	/	/	/	/	16/120	/	/	10/120	/	/	/	6/120	/	
Hypalon CSM	Nylon cord	Hypalon CSM	green	16/80	16/80	16/80	/	16/90	/	25/100	16/100	/	/	/	16/100	10/90	6/90	3/90	6/90	6/90	/	
Chloroprene CR	Nylon cord	Chloroprene CR	grey	/	16/80	16/80	/	16/80	16/80	/	16/90	/	16/90	/	/	10/70	/	/	3/70	/	/	
Butyl IIR	Nylon cord	EPDM	red-blue	16/90	16/90	16/90	/	16/90	/	25/100	16/100	/	/	/	16/100	/	/	/	/	6/90	/	
Butyl IIR-D	Aramide/ Special cord	EPDM	red-blue	25/150	/	80/150	/	/	/	/	/	/	25/150	/	/	6/150	/	/	/	/	/	/
Viton® EPM	Nylon cord	ECO	green-white-green	/	/	/	/	16/100	/	16/100	16/100	/	/	/	/	/	/	/	/	/	/	
Viton® FPM	Aramide/ Special cord	Chloroprene CR	lilac	25/120	/	80/120	/	/	/	/	25/120	/	/	/	/	/	6/100	/	/	6/120	/	
Viton® FPM	Aramide/ Special cord	EPDM	lilac-red	25/150	25/150	80/150	/	/	/	/	25/150	/	/	/	6/120	/	/	/	/	/	/	
Viton® FPM	Aramide/ Special cord	Viton FPM	lilac-lilac	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	0.5/200	
SI	Aramide/ Special cord	SI	/	/	25/150	/	/	/	/	/	/	/	/	/	/	/	/	/	/	6/200	0.2/200	

Special manufacture for higher pressure and temperature is available on request.

Important: Quoted values are max. values. The quoted pressures are valid at 50°C a decrease relative to increasing temperatures.

See resistance lists for specific temperatures.