

SUNAFLEX® – FDA-BfR Compounds

	A 4498 *	A 8449 *	A 9663 *	E 4349 *	E 8344	E 8444 *	O 8360	T 5726 *	T 5727 *	T 5728 *	T 5729**
Elastomer	NR	NR	NR	NBR	NBR	NBR	CR	EPDM	EPDM	EPDM	EPDM
Colour	white	Red-orange	grey	white	black	white	black	black	black	black	black
Hardness (Shore A)	40	50	55	65	60	65	75	60	70	80	60
Density g/cm³	1.03	1.37	1.27	1.24	1.25	1.25	1.38	1.18	1.17	1.21	1.18
Tensile strength MPa	> 12	> 8	> 14	> 14	> 7	> 9	> 14	> 8	> 8	> 9	> 6
Elongation at break %	> 600	> 500	> 400	> 700	> 300	> 600	> 300	> 500	> 400	> 300	> 600
DVR (24h/70°C/25%)	< 20	< 50	< 30	< 30	< 40	< 30	< 20	< 20			
DVR (24h/100°C/25%)					< 50		< 50	< 50	< 70		
Vulcanisation (Sulfur / Peroxide)	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur		Sulfur	Sulfur	Sulfur	Sulfur

According to the information we received from our suppliers, we hereby declare that all ingredients of the compounds are listed on the “positive list” of the FDA 21 CFR 177. 2600 regulation.

* BfR XXI category 4: Compliance depends on products applications. Need to be discussed in details.

** BfR XXI category 1

This information and our technical advice – whether oral or written are given to the best of our knowledge and belief, but without guarantee. This also applies if third party property rights are affected. Our advice does not release our customers from the obligation to check their validity and to check our products for their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by our customers on the basis of our technical advice are beyond our control and therefore exclusively the responsibility of our customers. Our products are sold in accordance with the current version of our general terms and conditions of sale and delivery, which can be downloaded from our website www.compounds.ch.

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	T 8401/ T 8014 *	T 8413 (MDP103/18)	T 9644 *	T 9681	T 9696 *	FKM 16001X	FKM 17052X	FKM 17304X	FKM 18001X	V 8469	Y 8303
Elastomer	EPDM	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM	FKM	IIR
Colour	Grey/ Orange	black	black	black	black	white	green	white	white	black	black
Hardness (Shore A)	65	70	80	65	70	60	70	75	79	70	75
Density g/cm³	1.51	1.16	1.14	1.46	1.1	2.09	2.37	2.33	2.23	2.20	1.17
Tensile strength MPa	> 4	> 9	> 16	> 5	> 15	> 9	> 10	> 10	> 10	> 15	> 8
Elongation at break %	> 600	> 355	> 150	> 400	> 200	> 200	> 200	> 200	> 150	> 250	> 400
DVR (24h/70°C/25%)	< 30			< 50	< 30					< 20	
DVR (24h/100°C/25%)	< 50	< 35	< 15								
DVR (70h/200°C)						< 30	< 20	< 25	< 25		
Vulcanisation (Sulfur / Peroxide)	Sulfur	Sulfur	Peroxide	Sulfur	Peroxide						Sulfur

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