

Actual Aquaflex® Sunaflex® – Drinking Water Compounds

T = EPDM	T 8715	T 8184	T8157	T 8165	T 8289	T 8193	T 9635	T 9643
Curing System	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Peroxide	Peroxide
Hardness (Shore A)	50	60	60	70	70	80	70	80
Colour	Black	Black	Black	Black	Black	Black	Black	Black
Application	Cold water	Cold water	Warm water <u>Isolating</u>	Cold water	Cold water	Warm water	Hot water	Hot water
EN 681-1 DVGW type examination certificate	-	conform	DVGW WA	-	conform	DVGW WA	conform	conform
D – Elastomer guideline UBA	✓ (23°C) 28.02.2025	✓ (23°C) 28.02.2025	✓ (60°C) 16.06.2024	-	✓ (23°C) 28.02.2025	✓ (60°C) 04.03.2024	✓ (85°C) 28.02.2025	✓ (85°C) 28.02.2025
D – W-270	✓ 28.02.2025	✓ 28.02.2025	✓ 28.02.2025	-	✓ 28.02.2025	✓ 20.03.2024	✓ 28.02.2025	✓ 28.02.2025
GB – WRAS material approval*, cold water	✓ 31.10.2028	-	✓ 30.11.2026	✓ 31.05.2028	✓ 31.12.2026	✓ 31.08.2028	✓ 31.03.2028	-
GB – WRAS material approval*, hot water	-	-	-	-	-	-	✓ (80°C) 31.03.2028	-
F – ACS**	✓ 29.04.2025	-	✓ 17.02.2027	✓ 17.02.2027	Certificate extension until 02.04.2024	✓ 12.05.2025	✓ 12.10.2027	-
A – ÖNORM B5014/1	-	-	-	-	-	✓ 23.10.2025	-	-
CH – SVGW/SSIGE	-	-	-	✓ 31.08.2027	-	-	-	-
USA – NSF/ANSI 61***	-	-	✓***	✓***	-	-	✓***	-

* BS 6920-1:2000 «Suitability of non-metallic products for use in contact with water intended for human consumption with regards to their effect on the quality of the water»

** AFNOR XP P 41-250 changed to EN 1420, EN 13052-1 and EN 12873-1/-2

*** Approved on finished product



New Generation Aquaflex® – Drinking Water Compounds

T = EPDM	T 5817	T 5818	T 5857	T 5893	T 9696	T 9644
Curing System	Sulfur	Sulfur	Sulfur	Sulfur	Peroxide	Peroxide
Hardness (Shore A)	70	70	60	80	70	80
Colour	Black	Black	Black	Black	Black	Black
Application	Warm water	Warm water	Warm water	Warm water	Hot water	Hot water
FDA	No	No	No	No	Yes	Yes
BfR XXI category 4*	Yes	Yes	Yes	Yes	Yes	Yes
EN 681-1 DVGW type examination certificate	DVGW WA 13.10.2026	DVGW WA 13.10.2026	-	In testing	In testing	-
D – Elastomer guideline UBA and KTW-BWGL	✓ (60°C) 12.11.2025	✓ (60°C) 14.01.2026	-	✓ (60°C) 21.12.2027	✓ (85°C) 19.01.2028	✓ (85°C) 21.02.2027
D – W-270 = DIN EN 16421**	✓ D2=M3 12.11.2025	✓ D1=M2 12.11.2025	✓ D1=M2 21.07.2027	✓ General use = M1 27.01.2027	✓ General use = M1 11.11.2026	✓ General use = M1 11.11.2026
D – Konformitätserklärung	Yes	Yes		✓ (60°C) P2	Under evaluation	Under evaluation
GB – WRAS material approval, cold water	✓ (23°C) 31.08.2026	✓ (23°C) 31.08.2026	✓ (23°C) 31.08.2028	✓ (23°C) 31.08.2028	✓ (23°C) 31.08.2028	-
GB – WRAS material approval, hot water	✓ (65°C) 31.08.2026	✓ (65°C) 31.08.2026	✓ (70°C) 31.08.2028	✓ (65°C) 31.08.2028	✓ (85°C) 31.08.2028	-
F – ACS	✓ (23°C) 13.01.2027	✓ (23°C) 13.01.2027	-	In testing	In testing	-
A – ÖNORM B5014/1	-	Planned	-	Planned	Planned	-
USA – NSF/ANSI 61***	-	✓***	-	-	✓***	-

* BfR XXI category 4: Compliance depends on product application. Needs to be discussed in detail.

** W-270 = DIN EN 16421: General use=M1: with a surface growth biomass smaller than (0.05±0.02) ml/800 cm². Material can be used, from microbiological point of view, without restrictions

D1=M2, for materials used for larger joints and gaskets (category D1) the limit values of surface growth biomass smaller than (0.12±0.03) ml/800cm².

D2=M3, for materials used for joints and gaskets with smaller surfaces (category D2) the limit values are smaller than (0.20±0.03) ml/800cm².

*** Approved on finished product

