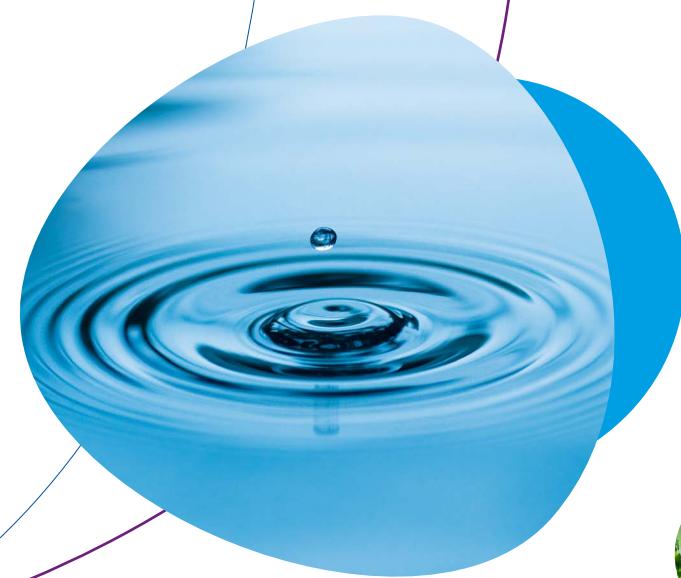


**PRODUCT GUIDE
LOW CYCLIC SILICONE
SURFACE ADDITIVES**



All products in
this brochure
are PFAS-free.

Cyclic siloxanes in silicone-based surface additives

Purified alternatives to additives with a higher cyclic siloxanes content

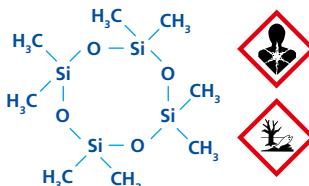
As of June 2018, silicone-based products containing 0.1 % or more D4, D5, or D6 cyclic siloxanes must be labeled as SVHC (Substance of Very High Concern) on the EU Safety Data Sheet.

BYK offers purified alternatives with a residual D4, D5, and D6 content of less than 0.1 % each to ensure safe use in any formulation.

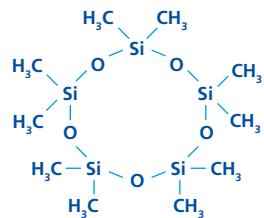
What does "purified" mean?

By adding an additional production step after manufacturing, the D4, D5, and D6 cyclic siloxanes content is reduced to less than 0.1 % each.

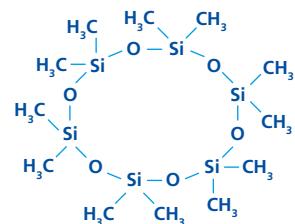
Cyclic siloxanes D4/D5/D6



D4 = CMR substance + SVHC



D5 = SVHC



D6 = SVHC

Low cyclic alternatives to surface additives with a cyclic siloxanes content of 0.1 % or higher

Standard additives with a cyclic siloxanes content of $\geq 0.1\%$	Alternatives with a cyclic siloxanes content of $< 0.1\%$
BYK-300* ¹	BYK-3750* ¹ /BYK-3755* ¹
BYK-301	BYK-3751
BYK-302	BYK-3752
BYK-306* ¹	BYK-3761* ¹ /BYK-3765
BYK-307	BYK-3762
BYK-323	BYK-3780
BYK-330	BYK-3763
BYK-331	BYK-3753
BYK-342	BYK-3754/BYK-3756
BYK-370* ^{1,2}	BYK-3772
BYK-377	BYK-3771
BYK-378	BYK-3764
BYK-UV 3500	Technical alternative: BYK-UV 3505* ²
BYK-UV 3510	BYK-UV 3511

*¹ Aromatic solvent (BTX)

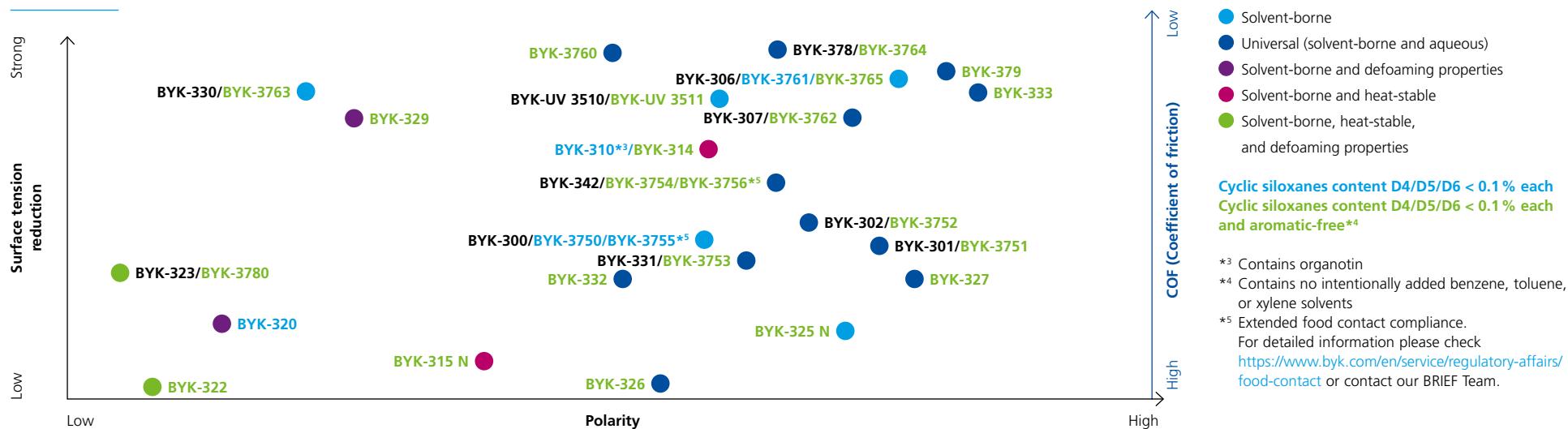
*² Contains organotin

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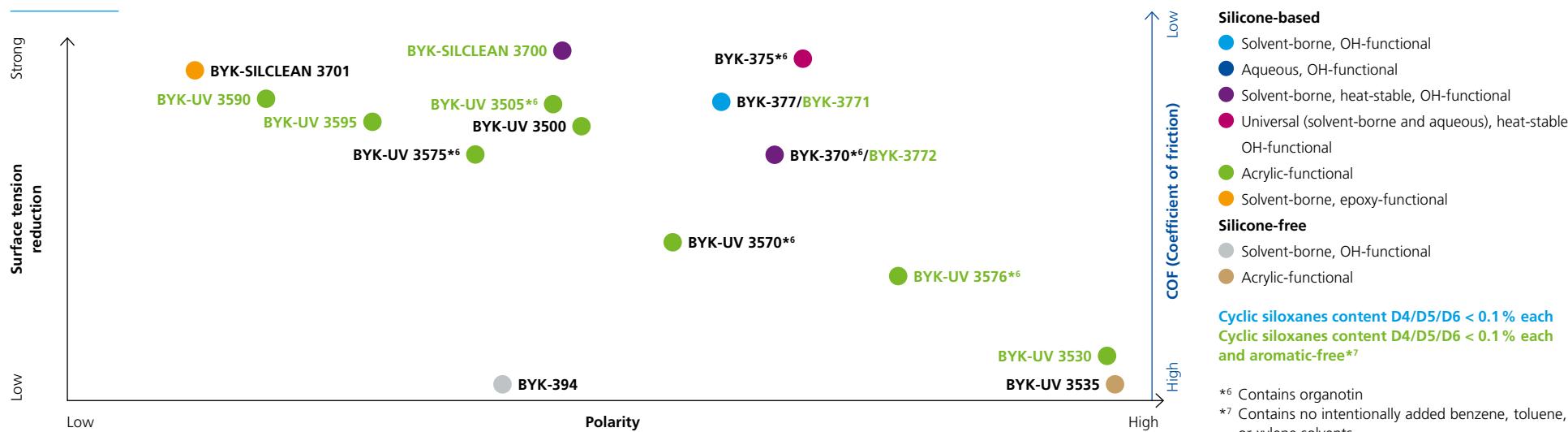


Surface additives – Overview of non-reactive silicones



G.02

Surface additives – Overview of reactive additives



G.03



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