

# CERTIFIED MATERIALS

The following table lists our compounds which are certified for special applications:

## Gas appliances and equipment in houses respectively household appliances

Certified	Certific. authority	Temperature range	Compound	Elastomer	Hardness [Shore A]	Color
DIN EN 549	DVGW	B1/H3 (0 up to +80°C)	NB 90 18 03	NBR	90	black
DIN EN 549	DVGW	B1/H3 (0 up to +80°C)	NB 70 28 22	NBR	70	black
DIN EN 549	DVGW	B2/H3 (-20 up to +80°C)	NB 70 28 07	NBR	70	black
DIN EN 549	DVGW	B2/H3 (-20 up to +80°C)	NB 70 27 17	NBR	70	black
DIN EN 549	DVGW	C2/H3 (-20 up to +100°C)	HN 70 27 04	HNBR	70	black
DIN EN 549	DVGW	C2/H3 (-20 up to +100°C)	HN 70 18 10	HNBR	70	black
DIN EN 549	DVGW	D2/H3 (-20 up to +125°C)	HN 70 78 01	HNBR	70	yellow
DIN EN 549	DVGW	E1/H3 (0 up to +150°C)	FP 80 27 01	FKM	80	black
DIN EN 549	DVGW	E1/H3 (0 up to +150°C)	FP 80 18 01	FKM	80	black
DIN EN 549	DVGW	E1/H3 (0 up to +150°C)	FP 80 18 04	FKM	80	green

## Gas supply lines and gas pipes

Certified	Certific. authority	Temperature range	Compound	Elastomer	Hardness [Shore A]	Color
DIN EN 682	DVGW	GBL (-15 to +50 °C)	NB 70 27 32	NBR	70	black

## Drinking water applications

Certified	Certific. authority	Temperature range	Compound	Elastomer	Hardness [Shore A]	Color
DVGW type examination certificate	DVGW	WA/WB	EP 70 39 01	EPDM perox.	70	black
ACS	eurofilms		EP 70 39 01	EPDM perox.	70	black
BS6920	WRAS	up to 85°C	EP 70 39 01	EPDM perox.	70	black

**Water supply and drainage applications**

Verified	Certific. authority	Operating conditions	Compound	Elastomer	Hardness [Shore A]	Color
DVGW type examination certificate	DVGW	WA/WB	EP 70 39 01	EPDM perox.	70 ± 5 Shore A	black

**Food contact and pharmaceutical industry**

Conformity	Certific. authority	Specification	Compound	Elastomer	Hardness [Shore A]	Color
FDA 21 CFR	CERISIE	§177.2600	EP 70 27 03	EPDM perox.	70	black
FDA	SGS Fresenius	§177.2600	SI 70 18 22	VMQ	70	red
FDA 21 CFR	SGS Fresenius	§177.2600	SI 70 27 14	VMQ	70	red
FDA 21 CFR	SGS Fresenius	§177.2600	EP 70 39 01	EPDM perox.	70	black
FDA 21 CFR	SGS Fresenius	§177.2600	SI 60 41 01	VMQ	60	red
FDA 21 CFR	SGS Fresenius	§177.2600	FP 75 94 12	FKM perox.	75	black
LFGB (EG 1935/2004)	SGS	Recommendation XV	SI 70 18 07	VMQ	70	red
LFGB (EG 1935/2004)	SGS Fresenius	Recommendation XV	SI 70 27 14	VMQ	70	red
LFGB (EG 1935/2004)	SGS Fresenius	Recommendation XV	SI 60 41 01	VMQ	60	red
CIP-/SIP-resistant	ECOLAB		EP 70 39 01	EPDM perox.	70	black
USP Class VI, 121°C	BSL	Chapter 88 (in vivo)	EP 70 39 01	EPDM perox.	70	black
USP 32	BSL	Chapter 87 (in vitro)	EP 70 39 01	EPDM perox.	70	black
CIP-/SIP-resistant	ECOLAB		FP 75 94 12	FKM perox.	75	black

Will be updated if changes occur. Last update: 21.06.2023

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.

[www.fst.com](http://www.fst.com) | [dichtomatik.fst.com](http://dichtomatik.fst.com)