

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 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 04 | EPDM perox. | 70 | black |
| ACS | eurofilms | | EP 70 39 04 | EPDM perox. | 70 | black |
| BS6920 | WRAS | up to 85°C | EP 70 39 04 | EPDM perox. | 70 | black |
| ÖNORM | TGM | up to 85°C | EP 70 39 04 | EPDM perox. | 70 | black |

Certified Materials

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 07 | 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 04 | 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 25 | FKM perox. | 75 | black |
| BfR (EG1935/2004)* | SGS Fresenius | Recommendation XV | SI 70 18 07 | VMQ | 70 | red |
| BfR (EG1935/2004) | SGS Fresenius | Recommendation XV | SI 70 27 14 | VMQ | 70 | red |
| LFGB (EG 1935/2004) | SGS Fresenius | Recommendation XV | SI 60 41 04 | EPDM perox. | 70 | black |
| LFGB (EG 1935/2004) | SGS Fresenius | Recommendation XV | SI 70 27 0 1 | VMQ | 60 | red |
| LFGB (EG 1935/2004) | SGS Fresenius | Recommendation XV | SI 70 94 25 | FKM perox. | 75 | black |

*Certifikat in progress

Will be updated if changes occur. Last update: 20.03.2025

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