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## Declaration of material compliance

As far as we are aware, none of PFLITSCH's products contain any substances that are prohibited from being placed on the market. We are in close contact with our suppliers and also monitor changes on the market.

The declaration only applies to standard catalogue articles and has been drawn up to the best of our current knowledge. If new information becomes available, we reserve the right to amend this declaration accordingly.

Our confirmations and statements are also available for download on our homepage.  
<https://www.pflitsch.de/en/company/sustainability/>

## Listed directives and regulations

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- [PAK \(Directive 2005/69/EG – 27th. Amendment of Directive 76/769/EG\)](#) 2
- [POP \(Regulation 2019/1021/EU, consolidated version from 03/15/2021\) incl. PFAS, PFOA, PFOS](#) 2
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Yours faithfully,

**PFLITSCH GmbH & Co. KG**



i.A. Sven Nipshagen  
Material Compliance Manager

**DMF (Directive 2009/251/EC for Dimethylfumarat)**

Our products are manufactured in compliance with the above-named directive.

**PAK (Directive 2005/69/EG – 27th. Amendment of Directive 76/769/EG)**

Our products are manufactured in compliance with 2005/69/EC.

**POP (Regulation 2019/1021/EU, consolidated version from 03/15/2021) incl. PFAS, PFOA, PFOS**

The requirements of the Stockholm Convention of May 23, 2001, were implemented by this directive.

**(POP)** Persistent organic pollutants are organic chemicals. They are characterized by their longevity and accumulate in organisms.

**(PFAS)** Per- and polyfluorinated alkyl substances are industrial chemicals that are used in numerous industrial processes and consumer products due to their special technical properties, e.g. water, grease and dirt repellency. The substance group comprises more than 4700 different compounds. The best-known PFAS substance groups are:

**(PFOA)** perfluorooctanoic acid (CAS 335-67-1) - belongs to the perfluorinated carboxylic acids. Its use has been largely banned since 2020 and is also listed as an SVHC-substance under the REACH regulation.

**(PFOS)** Perfluorooctane sulfonic acid (CAS 1763-23-1) - belongs to the perfluorinated alkyl sulfonates. Its use has been largely banned since 2006.

The base material of PVDF that can be used for our cable glands also contains per- and polyfluoropolymers. Should these substances be banned, we would no longer be allowed to market cable glands made of PVDF in the future.

To our knowledge, PFLITSCH products do not contain any other substances listed in this regulation or exceed the specified limit values.

**REACH (Ordinance (EC) Nr. 1907/2006 and Supplement to the appendices XIV und XVII)**

The EU chemicals regulation REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) came into force on July 1<sup>st</sup>, 2007.

With Article 33 of the REACH Regulation, there is the obligation to pass on information, the products of which contain a concentration greater than 0.1 mass percent of a substance, which is on the list of candidates (so-called "substances of very high concern", SVHC).

**SVHC substances**

Lead (CAS No.: 7439-92-1) is an alloy component of between 1.5 % and 3.5 % in brass.

Brass is used for the cable glands and accessories, with the exception of the explicitly designated lead-free variants, recognizable by the suffix "LF" (lead free) in the article number. The products themselves are also labelled.

In general, it should be noted that the identification of lead as an SVHC substance is not accompanied by any substance ban(s) or restriction(s).

Nickel (CAS No.: 7440-02-0) as an alloy component of brass and stainless steel, is present in low concentrations  $\leq 0.3$  %. Brass parts are chemically nickel-plated (see Nickel).

In December 2020, the Oeko-Institut was commissioned to evaluate the exceptions.

Melamine (CAS No.: 108-78-1) is an essential starting material to produce melamine resins. These are used as glues and adhesives or further processed into duroplastics. The grommets of the CABseal cable entry system contain between 0.1 % - < 0.5 % melamine.

Bumetrizole - (CAS No. 3896-11-5) is used as an additive in plastics or cosmetics due to its UV-B absorbing properties. TPE seals contain this substance in a concentration of between 0.2 % and 0.5 %.

TPE-V seals are not affected by this.

At present, we are not aware of any other declarable substances.

**RoHS (Consolidated RoHS-Directives 2011/65/EU and 2015/863/EU)**

The standard catalogue articles do not fall within the scope of the RoHS Directive.

Nevertheless, our products comply with the limit values in Annex II and the exemptions in Annex III of this directive.

**RoHS Annex II**

Restricted substances according to Article 4 (1) and maximum permissible concentrations in homogeneous materials in percent by weight:

Lead	(0.1%)	Polybrominated biphenyls (PBB)	(0.1 %)
Mercury	(0.1%)	Polybrominated diphenyl ethers (PBDE)	(0.1 %)
Cadmium	(0.01%)	Di(2-ethylhexyl)phthalate (DEHP)	(0.1 %)
Hexavalent chromium	(0.1 %)	Butyl benzyl phthalate (BBP)	(0.1 %)
		Dibutyl phthalate (DBP)	(0.1 %)
		Diisobutyl phthalate (DIBP)	(0.1 %)

### RoHS Annex III

Cable glands and accessories made of brass have a lead content of 1.5 % to 3.5 %, with the exception of the explicitly mentioned lead-free variants, recognizable by the suffix "LF" (lead free) in the article number. The products themselves are also labelled.

Uses excluded from the restriction in Article 4 (1):

6c "Copper alloys containing up to 4% lead by mass" (CAS No: 7439-92-1)

*This exemption was limited until July 21, 2021. With the publication of Pack 22, the Oeko-Institut recommended extending exemption 6c until July 21, 2026. Whether the EU Commission will follow this recommendation cannot be predicted. It will now consult the Member States and the European Parliament and publish a draft delegated directive. It is not clear when the final decision will be published.*

### California Proposition 65

For the Safe Drinking Water and Toxic Enforcement Act of 1986 (California Proposition 65), the State of California has published a list of chemicals that are suspected of being carcinogenic or toxic to reproduction. The list currently contains more than 1,000 chemicals (2022-02-16).  
 Link to California Proposition 65 of the OEHHA:

<https://oehha.ca.gov/proposition-65/law/proposition-65-law-and-regulations>

The products we manufacture are exclusively for trade and industry. Therefore, our products do not fall within the scope of this regulation. The products made of brass (CW614N) we deliver to you contain following listed substances:

Lead (CAS No.: 7439-92-1)

nickel (CAS Nr.: 7440-02-0)

California Proposition 65, however, does not prohibit the use and sale of these products.

### TSCA (Toxic Substances Control Act)

PFLITSCH products do not contain or exceed the allowable concentrations of the chemicals listed below that are persistent, bioaccumulative and toxic (PBT) according to TSCA Section 6 (h).

<b>Abkürzung</b>	<b>Chemischer Name</b>	<b>CAS-No.</b>
<i>DecaBDE</i>	<i>Decabromodiphenyl ether</i>	<i>1163-19-5</i>
<i>PIP (3:1)</i>	<i>Phenol, isopropylated, phosphate (3:1)</i>	<i>68937-41-7</i>
<i>2,4,6-TTBP</i>	<i>2,4,6-Tris(tert-butyl)phenol</i>	<i>732-26-3</i>
<i>HCBD</i>	<i>Hexachlorobutadiene</i>	<i>87-68-3</i>
<i>PCTP</i>	<i>Pentachlorothiophenol</i>	<i>133-49-3</i>