

Dated: November 05, 2025

PFAS Compliance Statement

Knowles Precision Devices is a leading supplier of electronic components, supporting the Global PFAS Regulations, and customer requirements of our industry.

PFAS scope in this declaration

The widest Chemical definition of PFAS encompassing all PFAS within the regulations listed in Table 1 was used to perform our due diligence.

PFAS Chemical Scope

Any substance that contains at least one fully fluorinated methyl (CF₃-) or methylene (-CF₂-) carbon atom (without any H/Cl/Br/I attached to it).

Table 1- Regulation Scope, Impact, and Status (as dated)

Region	Regulation	Scope	Impact on Electronics	Status of Regulation
EU	REACH Annex XVII	Broad PFAS restriction proposal	May restrict PFAS in semiconductors, coatings, cables, etc.	Under review
EU	POPs Regulation	Bans persistent PFAS (e.g., PFOA, PFOS)	Affects legacy PFAS in electronics	In force
USA	TSCA Section 8(a)(7)	PFAS reporting rule (2011–2022)	Requires disclosure of PFAS in articles incl. electronics	Effective April 2026
USA (States)	State-Level Bans	PFAS bans in consumer products	Some states ban PFAS in cookware, electronics	Varies by state
Canada	CEPA Section 71	Reporting on long-chain PFAS	Includes PTFE in imported electronics	Deadline: March 2025

PFAS declarable substances in Knowles products

- PTFE (polytetrafluoroethylene)
- PVDF-HFP (Poly(vinylidene fluoride-co-hexafluoropropylene))
- Proprietary (A unique Fluoropolymer)

List of Statements

[Microwave Products, Single Layer Capacitors, JR & JZ trimmers, Non-Magnetic Hardware, & Resonators \(Page2\) Tables A & B](#)

[Multilayer Capacitors, Radial Leaded, Ribbon Leaded, EMI Filters, Trimmers, Tuning tools, & Variable Inductors \(Pages 3 to 5\) Tables C to E](#)

Microwave Products, Single Layer Capacitors, JR & JZ trimmers, Non-Magnetic Hardware, & Resonators

PFAS Declarable, Authorized, and Restricted

Table A: Knowles Cazenovia (Cazenovia)

Product line	Description	PFAS
(Knowles DLI Brand) Single-Layer Capacitors	All	PFAS-Free ⁽¹⁾
(Knowles DLI Brand) Thin Film Devices	All	PFAS-Free ⁽¹⁾
(Knowles Voltronics Brand) JR(L)/JZ(L) Trimmer Capacitors	All	PFAS-Free ⁽¹⁾
(Knowles Voltronics Brand) Non-Magnetic Hardware	All	PFAS-Free ⁽¹⁾

(1) Contains no intentionally added PFAS

The statement is prepared to the best of our knowledge, omissions and errors excepted.

Patrick Cole

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PFAS Declarable, Authorized, and Restricted

Knowles declares that the product listed below intentionally contain PFAS

Table B: Knowles Cazenovia (San Diego)

Product line	Description	Application	PFAS
(Knowles IMC Brand) Filters*	PCB or chemical etched housing, surface mount	Substrates	PTFE
		Cable	PTFE
	Machined housing, surface mount and connectorized	Substrates	PTFE
		Cable	PTFE
		Connectors	PTFE
		Sheets	PTFE
		Tubes	PTFE
	RF Filters for radiobroadcasting (STL)	Connectors	PTFE
(Knowles IMC Brand) Resonators	All	All	PFAS-Free ⁽¹⁾

(1) Contains no intentionally added PFAS

(*) Please contact Knowles Precision Devices Sales for details.

The statement is prepared to the best of our knowledge, omissions and errors excepted.



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Multilayer Capacitors, Radial Leaded, Ribbon Leaded, EMI Filters, Trimmers, Tuning tools, & Variable Inductors

PFAS Declarable, Authorized, and Restricted

Table C: Knowles Novacap (Valencia)

Product line	Description	PFAS
(Knowles Novacap Brand) Multilayer Capacitors	All	PFAS-Free ⁽¹⁾
(Knowles DLI Brand) Multilayer Capacitors	All	PFAS-Free ⁽¹⁾

(1) Contains no intentionally added PFAS

The statement is prepared to the best of our knowledge, omissions and errors excepted.

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PFAS Declarable, Authorized, and Restricted

Table D: Knowles Syfer (Suzhou)

Product line	Description	PFAS
(Knowles Syfer Brand) Multilayer Capacitors	All	PFAS-Free ⁽¹⁾
(Knowles Syfer Brand) Radial Leaded Multilayer Capacitors	All	PFAS-Free ⁽¹⁾
(Knowles Syfer Brand) Ribbon Leaded Multilayer Capacitors	All	PFAS-Free ⁽¹⁾
(Knowles Syfer Brand) Filters	All	PFAS-Free ⁽¹⁾

(1) Contains no intentionally added PFAS

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PFAS Declarable, Authorized, and Restricted

Knowles declares that the product listed below intentionally contain PFAS

Table E: Knowles Johanson & Voltronics (Dominican Republic)

	Product line	Application	Contains PFAS
Knowles (Voltronics and Johanson brands)	Johanson Air Trimmers	Internal Lubrication	PTFE
	Voltronics CB Trimmers	Dielectric, Insulator	PTFE
		Internal Seal	PVDF-HFP
	Johanson Cera-Trim Trimmers	Internal Lubrication	PTFE
	Johanson Thin-Trim Trimmers	Internal Lubrication	PTFE
	Johanson Dyna-Trim Resonator Tuners - Not all Product(*)	Internal Lubrication	PTFE
	Johanson Eco-Trim Trimmers	Internal Lubrication	PTFE
		Seal Cap	
	Johanson Giga-trim Trimmers	Internal Lubrication	PTFE
		Seal Cap	
	Johanson High Voltage Trimmers	Dielectric, Insulator	PTFE
		Internal Lubrication	
	Johanson JLC line Non-Magnetic Variable Inductors	Inductor core	PTFE
	Johanson Non-Magnetic Air Trimmers	Internal Seal	PVDF-HFP
	Johanson Seal-trim Trimmers	Internal Lubrication	PTFE
	Johanson Tuning Elements	Internal Lubrication	PTFE
	Johanson Tuning Bushes	Internal Lubrication	PTFE
	Johanson Tuning Rotors	Internal Lubrication	PTFE
	Voltronics A1-Line Trimmers	Dielectric, Insulator	PTFE
	Voltronics A1-Line Trimmers - Sealed(*)	Internal Seal	PVDF-HFP
	Voltronics A4-Line Trimmers	Dielectric, Insulator	PTFE
		Internal Seal	
	Voltronics A-Line Trimmers	Dielectric, Insulator	PTFE
		Internal Seal	
	Voltronics DRO Tuners	Internal Seal	PVDF-HFP
	Voltronics Glass & Quartz Trimmers	Internal Seal	PVDF-HFP
	Voltronics K-Line Trimmers	Dielectric, Insulator	PTFE
		Internal Seal	
	Voltronics NMNT Line Trimmers	Dielectric, Structural housing	PTFE
		Internal Lubrication	
	Voltronics NMNT Line Trimmers - Not all product(*)	Internal Seal	PVDF-HFP
		Dielectric, Insulator	
	Voltronics S-Line Trimmers	Internal Seal	PVDF-HFP
		End Stops	
	Voltronics V Line Trimmers - Not all Products(*)	Dielectric, Insulator	Proprietary
		Internal Lubrication	PTFE
		Structural housing	
		Internal Seal	PVDF-HFP
	Voltronics Very High Voltage Trimmers	Dielectric, Insulator	PTFE
		Internal Lubrication	
	All other Voltronics and Johanson products	Internal Seal	PVDF-HFP
		Any	
			PFAS-Free ⁽¹⁾

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