

Annex II – Lists of fluorinated substances and components of E-chem Gas Sensors

1) List of PFAS substances used in Gas Sensors

Substance Name / Acronym	CAS number	Trade Names / Pseudonym	PFAS type
Polytetrafluoroethylene (PTFE)	9002-84-0	Teflon, Zonyl, MFC	Fluoropolymer
Fluorinated ethylene propylene (FEP)	25067-11-2	DF	Fluoropolymer
Perfluoroalkoxy alkanes (PFA)	Various	Fluon	Fluoropolymer
Polyvinylidene fluoride (PVDF)	24937-79-9	Gore-Tex, Kynar,	Fluoropolymer
Polyvinyl fluoride (PVF)	24981-14-4	TEDLAR	Fluoropolymer
Polychlorotrifluoroethylene (PCTFE)	9002-83-9	Aclar, Hydroblock	Fluoropolymer
Perfluoropolyether (PFPE)	60164-51-4	Fomblin,	Perfluoropolyether
Polyvinylidene fluoride / hexafluoropropene (Viton)	9011-17-0	KALREZ	Fluoroelastomer
Polyvinylidene fluoride / hexafluoropropene (FKM)	Various	Kel-F	Fluoroelastomer

2) Types of components of Gas Sensors where PFAS are used

Connectors, Diaphragms, Emulsion/Dispersion/Agitation, Ferrules, Filters, Fittings, Flow housing/flowmeters, Gaskets, Greases, Membranes, O-Rings, Powders, Reducers, Ribbons, Seal/sealants, Seal/Washers, Sheets, Shims, Sleeves, Sleeve/Sleeving, Tapes, Tedlar bags, Tubing, Valves, Washers, Wire/Cables, and others.