

Table 1.A – Some generic PFAS Fluoromaterial names

Acronym	Name	CAS number	Formula	Schematic
ECTFE	Ethylene Chloro Tri Fluoro Ethylene	25101-45-5	$(\text{CF}_2\text{-CFCl-C}_2\text{H}_4)_n$	$\left[\begin{array}{c} \text{F} \quad \text{Cl} \quad \text{H} \quad \text{H} \\ \quad \quad \quad \\ -\text{C}-\text{C}-\text{C}-\text{C}- \\ \quad \quad \quad \\ \text{F} \quad \text{F} \quad \text{H} \quad \text{H} \end{array} \right]_n$
ETFE	Ethylene Tetra Fluoro Ethylene	25038-71-5	$(\text{C}_2\text{H}_4\text{-C}_2\text{F}_4)_n$	$\left[\begin{array}{c} \text{H} \quad \text{H} \quad \text{F} \quad \text{F} \\ \quad \quad \quad \\ -\text{C}-\text{C}-\text{C}-\text{C}- \\ \quad \quad \quad \\ \text{H} \quad \text{H} \quad \text{F} \quad \text{F} \end{array} \right]_n$
FEP	Fluorinated Ethylene Propylene	25067-11-2	$(\text{C}_2\text{F}_4)_n$ $(\text{C}_2\text{F}_3\text{-CF}_3)_m$	$\left[\begin{array}{c} \text{F} \quad \text{F} \quad \text{F} \quad \text{F} \\ \quad \quad \quad \\ -\text{C}-\text{C}-\text{C}-\text{C}- \\ \quad \quad \quad \\ \text{F} \quad \text{F} \quad \text{F} \quad \text{F} \end{array} \right]_n \left[\begin{array}{c} \text{F} \quad \text{F} \\ \quad \\ -\text{C}-\text{C}- \\ \quad \\ \text{F} \quad \text{CF}_3 \end{array} \right]_m$
PCTFE	Poly ChloroTri Fluoro Ethylene	9002-83-9	$(\text{C}_2\text{F}_3\text{-Cl})_n$	$\left[\begin{array}{c} \text{F} \quad \text{F} \\ \quad \\ -\text{C}-\text{C}- \\ \quad \\ \text{F} \quad \text{Cl} \end{array} \right]_n$
PFA	Per Fluoroalkoxy Alkane	26655-00-5	$(\text{C}_2\text{F}_4)_n$ $(\text{C}_2\text{F}_3\text{-(O-CF}_3)_m$	$\left(\begin{array}{c} \text{F} \quad \text{F} \\ \quad \\ -\text{C}-\text{C}- \\ \quad \\ \text{F} \quad \text{F} \end{array} \right)_n \left(\begin{array}{c} \text{F} \quad \text{F} \\ \quad \\ -\text{C}-\text{C}- \\ \quad \\ \text{F} \quad \text{O} \\ \quad \\ \text{F}-\text{C}-\text{F} \\ \\ \text{F} \end{array} \right)_m$
PTFCE	See PCTFE			
PTFE	Poly Tetra Fluoro Ethylene	9002-84-0	$(\text{C}_2\text{F}_4)_n$	$\left(\begin{array}{c} \text{F} \quad \text{F} \\ \quad \\ -\text{C}-\text{C}- \\ \quad \\ \text{F} \quad \text{F} \end{array} \right)_n$
PVDF	Poly Vinyl iDene Fluoride	24937-79-9	$(\text{CH}_2\text{-CF}_2)_n$	$\left[\begin{array}{c} \text{H} \quad \text{F} \\ \quad \\ -\text{C}-\text{C}- \\ \quad \\ \text{H} \quad \text{F} \end{array} \right]_n$

Table 1.B – Some generic PFAS Fluoroelastomer names

FKM	Fluoroelastomers is a more general classification of materials.
FFKM	FKMs are made from a mixture of 6 monomers (VF – vinylidene fluoride, HFP – hexafluoropropylene TFE – tetrafluoroethylene, PMVE – pefluoro methyl-based vinyl ether, E – ethylene, P – propylene) and two main 'curing' systems which result in 5 types of FKMs.
FPM	FFKMs are basically made from two monomers and a so-called 'cure site monomer.'
FFPM	Fluoroelastomers do not have specific CAS numbers nor definite molecular structures.
	Rather than being acronyms, 'FKM' and 'FFKM' are material designations from the ASTM D1418 standard. These materials are also classified in the ISO/DIN 1629 standard as FPM and FFPM.
	FKM / FPM are 'fluoroelastomers' and FFKM / FFPM are 'perfluoroelastomers'.

Table 2 – Some PFAS Fluoromaterial Trade Names

- A -	- F -	- K -	- P -	- T -
Aclar	F46	Kalrez	Plastiflex	Tarflen
Aclon	F-Clean	KEL-F	Plastolon	Tecaflon
Adalon	Filtriq	KF [Polymer]	Politef	Tecasint
Aflas	Flametec/Kytec	Kynar	Polyflon	Technoflon
Ajedium	Fluon	Kytec	Polymist	Tedlar
Algoflon	Fluorel	- L -	Polystone PVDF	Teflon
Avalon	FluorLoop	Lakinor	- R -	Tefzel
- C -	Fluoro T	LNP Lubricomp	RamLloy	Tenfil
Centroflon	Fluoroloy	LNP Thermocomp	Reproflon	Texlon
Chemfilm Chemlam	Fluororesin-46	Lumiflon	RT/duroid	Texolon
Chemraz	Fluorosint	- M -	RTP	TFM
Clariflex	Fluran	Michem Glide	Rulon	Thermocomp
CuClad	- G -	MicroFLON	- S -	THV / THVP
- D -	Gylon	Mikroflon	Secure	Tisoflon
Dai-EI	- H -	Murflor	Semitron	Top-Chem
Dalcon	Halar	Murinyl	Sinoflon	Trade Name
Delrin AF	Hastafion	- N -	Solef	TriSteel
DiClad	HiFill FR	NanoFLON	Solvadura	Turcite
Dyflor	HPV13	Nelco®	Stress Saver	Tyfluror
Dyneon	Hyflon	Neoflon	Symalit	Tygon
- E -	Hylar	Niflon		- U -
ECCTreme ECA	- I -	Norslide		UltRx
Efalon	IsoClad	Norton Fluorglas Chemfilm		- V -
Elaftor	Isoflon	-		Vac-Pak
Ensikem	ISOray			Valvelon
ESD				Versilon
				Vespel
				Viton
				Voltalef
				- Z -
				Zonyl