

Annex I - List of acronyms and abbreviations

Acronym	Explanation
AC	Air conditioning
ATEX	Directive 2014/34/EU of 26 February 2014
B	Bioaccumulation
BBP	Benzyl butyl phthalate
CAS No	Chemical Abstracts Service Number
CAS	Technical Institute of Physics & Chemistry, Chinese Academy of Sciences
CENELEC	European Committee for Electrotechnical Standardisation
CF ₂	Methylene
CF ₃	Fully fluorinated methyl
CfE	Call for Evidence
CF ₃ C(O)F	Trifluoroacetyl Fluoride
CFF	Cold Form Foils
CLP	Classification, Labelling and Packaging
CO ₂	Carbon dioxide
COC(P)	Cyclic olefin copolymer (polymer)
COP	Coefficient of Performance
COPD	chronic obstructive pulmonary disease
CSR	Chemical Safety Report
CTE	Technical Building Code
CTFE	Chlorotrifluoroethylene
DIBP	Diisobutyl phthalate
DIY	Do it Yourself
DBP	Dibutyl phthalate
DEHP	Di(2-ethylhexyl)phthalate (DEHP)
DME	Dimethyl ether
DNEL	Derived No-Effect Level
DPIs	Dry Powder Inhalers
EC	European Commission
ECHA	European Chemicals Agency
EEA	European Economic Area
EEAP	Environmental Effects Assessment Panel
EFCTC	European Fluorocarbons Technical Committee
EFSA	European Food Safety Authority
EINECS	European Inventory of Existing Chemical Substances
ELV	End of Life of Vehicles Directive
EN	European Norm
EMA	European Medicines Agency
EPA	Environmental Protection Agency
EPD	Environmental Product Declaration
EPDM	Ethylene Propylene Diene Monomer

EPS	Expanded Polystyrene
ETF	Extrudable thermoplastics films
ETFE	Ethylene tetrafluoroethylene
EtOH	Ethanol
EU	European Union
EV	Electric Vehicle
EVOH	Ethylene vinyl alcohol
EWL	European Waste List
XPS	Extruded Polystyrene
FBAs	foam blowing agents
F-Gas	Fluorinated Gas
FCM	Food Contact Materials rules
FEP	Fluorinated ethylene propylene
FKM	Fluorine Kautschuk Material.
FFKM	Perfluoroelastomeric compounds containing an even higher amount of fluorine than FKM fluoroelastomers
FP	Fluorinated Products
FTOC	UNEP Rigid and Flexible Foams Technical Options Committee
GLP	Good Laboratory Practice
GWP	Global Warming Potential
H-NBR	Hydrogenated Nitrile Butadiene
HCFC	Hydrochlorofluorocarbon
HCFO-1233zd(E)	(1E)-1-chloro-3,3,3-trifluoroprop-1-ene
HDPE	High-density polyethylene
HF	Hydrogen Fluoride
HFC	Hydrofluorocarbon
HFC-125	Pentafluoroethane
HFC-134a	1,1,1,2-tetrafluoroethane
HFC-143a	1,1,1-trifluoroethane
HFC-152a	1,1-difluoroethane
HFC-227ea	1,1,1,2,3,3,3-heptafluoropropane
HFC-23	Trifluoromethane
HFC-236fa	1,1,1,3,3,3-hexafluoropropane
HFC-245fa	1,1,1,3,3-pentafluoropropane
HFC-32	Difluoromethane
HFC-365mfc	1,1,1,3,3-pentafluorobutane
HFO	Hydrofluoroolefin
HFO-1233zd	(1E)-1-chloro-3,3,3-trifluoroprop-1-ene
HFO-1234yf	2,3,3,3- tetrafluoroprop-1-ene
HFO-1234ze(E)	Trans-1,3,3,3-tetrafluoroprop-1-ene
HFO-1336mzz(E)	Trans-1,1,1,4,4,4-hexafluorobut-2-ene
HFO-1336mzz(Z)	(2Z)-1,1,1,4,4,4-hexafluorobut-2-ene
HDPE	High-density polyethylene
Honeywell	Honeywell International Inc.
HSE	Health and Safety Executive

HVAC	Heating, Ventilation and Air Conditioning
i-butane	iso butane
ICCC	(SAE) Interior Climate Control Committee
IEC	International Electrotechnical Commission
IHX	Internal Heat exchanger
IUPAC	International Union of Pure and Applied Chemistry
IVD	In Vitro Diagnostic
IVDR	In Vitro Diagnostic Regulation
lambda	Thermal conductivity (a measure of insulation efficiency)
LCCP	Life Cycle Climate Performance
LDPE	Low-density polyethylene
LRTP	Long Range Transport Potential
MAC	Mobile Air Conditioning
MDI	Diphenyl Methane Diisocyanate
MDR	Medical Devices Regulation
Mln	Million
MoE	Margin of Exposure
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEM	Original Equipment Manufacturer
OSB	Oriented Strand Board
OTC	Over the counter
P	Persistent
PBT	Persistent, Bioaccumulative and Toxic
PE	Polyethylene
PED	EU Pressure Equipment Directive
PEEK	Polyether-ether-ketone
pMDI	Pressured Metered Dose Inhaler
PMU	Polymethyl urea
PCTFE	Polychlorotrifluoroethylene
PET	Polyethylene terephthalate
PFA	Perfluoroalkoxy alkanes
PFAS	Per- and Polyfluoroalkyl Substance
PFC	Perfluorinated compound
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctane sulfonic acid
PFPE	Perfluoropolyether
PIR	Polyisocyanurate
PLC	Polymers of Low Concern
pMDIs	Pressurised Medical Dose Inhalers
PNDT	Pre-Natal Developmental Toxicity
PNEL	Predicted No-Effect Level
PNEC	Predicted No Effect Concentration

PP	Polypropylen
PPE	Personal Protective Equipment
PTFE	Polytetrafluoroethylene
Proposal	Annex XV Restriction Report, Proposal for a Restriction (PFASs), v.2, 22.03.2023
PVC	Polyvinyl chloride
PVDC	Polyvinylidene chloride
PVDF	Polyvinylidene fluoride or polyvinylidene difluoride
PVF	Polyvinyl fluoride
PU	Polyurethane
RAC	Risk Assessment Committee
RAAF	Read-Across Assessment Framework
R&D	Research & Development
REACH	Registration, Evaluation and Authorization of Chemicals
RHVAC	Refrigeration, Heating, Ventilation and Air Conditioning
RMM	Risk Management Measure
RMOA	Risk Management Option Analysis
RO	Restriction Option
RRM	Regulatory Risk Management
SAP	Scientific Assessment Panel
SDS	Safety Data Sheet
SEAC	Committee for Socio-Economic Analysis
SL-MAC	Secondary loop systems
SME	Small to Medium Sized Enterprises
SMIs	Soft Mist Inhalers
SPF	Spray Polyurethane Foam
TC	Total Cholesterol
TFA	Trifluoroacetic acid
TFE	Tetrafluoroethylene
TFEU	Treaty on the Functioning of the European Union
TMS	Thermal Management Systems
UK	United Kingdom
UNEP	United Nations Environment Programme
US EPA	United States Environmental Protection Agency
UV	Ultraviolet
vP	Very Persistent
vPvB	Very Persistent and very Bioaccumulative
WEEE	Waste from Electrical and Electronic Equipment
WFD	Waste Framework Directive
WHO	World Health Organisation
WMO	World Meteorological Organisation
WVTR	Water Vapor Transmission Rate
XPS	Extruded Polystyrene