

Scoping Guide

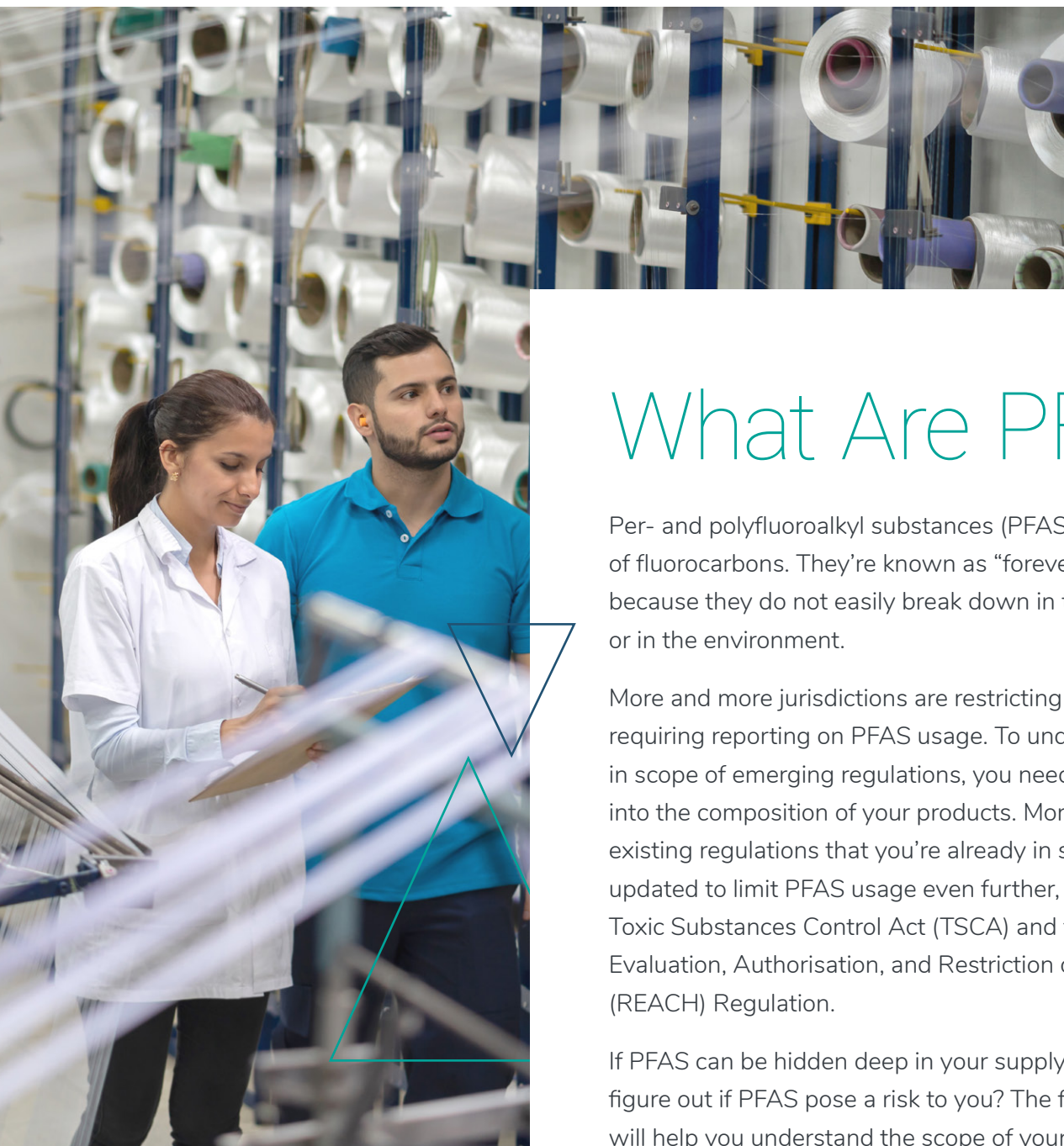
PFAS Scoping Guide

What Are PFAS?



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What Are PFAS?

Per- and polyfluoroalkyl substances (PFAS) are a large family of fluorocarbons. They're known as "forever chemicals" because they do not easily break down in the human body or in the environment.

More and more jurisdictions are restricting PFAS use and/or requiring reporting on PFAS usage. To understand if you're in scope of emerging regulations, you need deep visibility into the composition of your products. Moreover, some existing regulations that you're already in scope of will be updated to limit PFAS usage even further, particularly the Toxic Substances Control Act (TSCA) and the Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation.

If PFAS can be hidden deep in your supply chain, how do you figure out if PFAS pose a risk to you? The following questions will help you understand the scope of your PFAS exposure.



Do your parts or products have these properties?

- ▶ Non-stick
- ▶ Electric insulation
- ▶ Flame retardant
- ▶ Thermal stability/heat resistance
- ▶ Chemical resistant
- ▶ Water repellent
- ▶ Anti-fogging
- ▶ Oil and stain-repellent
- ▶ Fluorination (a treatment to make packaging more stable, frequently used for food packaging and pesticides)

YES

It's highly likely you're in scope of PFAS requirements.

NO

Do your manufacturing processes use PFAS?

Examples of such manufacturing processes include chrome plating.

YES

It's highly likely you're in scope of PFAS requirements.

NO



Do you use any of these chemicals?

- ▶ PTFE (polytetrafluoroethylene) such as Teflon™, Hyflon®, Fluon®, or Polyflon® resins
- ▶ ePTFE (expanded PTFE) such as Gore-Tex®, Virtek®, or Durapore® membranes
- ▶ PVDF and PVF (polyvinylidene or polyvinyl fluoride) such as Kynar®, Solef®, Hylar®, or Tedlar® resins
- ▶ PCTFE (polychlorotrifluoroethylene) such as Neoflon®, Kel-F®, or Voltalef® resins
- ▶ PFA (perfluoroalkoxy) and FEP (fluorinated ethylene-propylene) such as Neoflon GP® or Everflon® FEP resins
- ▶ Fluorosilicones such as FSR, FVMQ, or Silastic™ compounds
- ▶ Fluoroelastomers such as FKM rubber, FPM, Viton®, Kalrez®, AFLAS®, Vespel®, or Fluonox® compounds
- ▶ Fluorinated fluids and lubricants such as Fluorinert™, ElectroCool®, Denum®, Fomblin®, or Krytox™ products
- ▶ Stain-repellent fabric coatings such as Scotchgard™ products

YES

It's highly likely you're in scope of PFAS requirements.

NO

While it's possible you are not in scope of PFAS restrictions, it's still advisable to periodically review your materials and supply chain to ensure that these chemicals are not present or introduced inadvertently.



If you have concerns about PFAS in your supply chain, Assent can help. Contact us at info@assent.com to determine your next steps and connect with an expert.





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