

# TARONI



## **Declaration of non-use, phase-out and elimination of perfluorinated and polyfluorinated compounds (PFCs)**

Perfluorinated and polyfluorinated chemical compounds (PFCs) are man-made substances widely used by industry for their non-stick and water-repellent properties. In the textile industry they are used to make water-repellent and stain-resistant textile and leather products. Tests show that many PFCs are difficult to dispose of because they persist in the environment and they can accumulate in tissues. Moreover, they can worsen pollution levels contaminating the food chain: once assimilated by the body, some PFCs have effects on the liver and, as endocrine disruptors, can alter the levels of hormonal growth and reproduction.

Aware of the dangers these compounds entail and in line with the signed Detox commitment, Taroni S.p.A. declares that in most of Taroni S.p.A.'s processes and products PFCs are not used. Furthermore, a survey carried out with suppliers show there is no use of resins or other chemical formulations containing PFCs.

In some cases, there are still no PFC-free alternatives on the market. There are no resins or other chemical formulations capable of guaranteeing the functional performance required by customers. In these cases, Taroni S.p.A. declares to take every possible precaution, in collaboration with its suppliers, to eliminate or reduce the use of PFC to the lowest levels allowed by current technologies.

In particular, Taroni S.p.A. has undertaken several projects for the replacement of PFCs to create waterproof fluorescent products or products with a reduced presence of PFC.

Taroni S.p.A. mainly focused on yarn dyed products. The classic process involves adding a waterproofing product to the yarn before weaving. After the dry cleaning of the fabric, the polymerization phase takes place.

Already in 2015 the most dangerous long-chain PFCs (C8) have been eliminated, while the C6, still used with good results on some articles like shappe silk yarns, it is difficult on organzine silk yarns for which the solution is still in study phase.

For the SS18 season we have been able to produce a first waterproof and PFC-free yarn-dyed fabric: we have been using a waterproofing compound which, according to the technical and safety data sheet provided by the manufacturer, is Fluorofree.

The experimentation is continuing to improve our products day by day.

However, we are aware that PFCs traces can also be found in chemical products with functions other than stain and water repellent and that for this reason they could unintentionally enter Taroni S.p.A.'s processes.

For this reason, while we work closely with our partners in order to identify alternatives for the total elimination of PFCs, we continue to monitor the absence of PFCs from our products and processes. The laboratory tests carried out so far confirm the absence of PFC from most of our products and

processes.