

Technical Data Sheet

Fibracon® Detectaflon - metal detectable PTFE

Product characteristics

- FDA Approval
- Non-stick
- Easy to clean, withstands chemical cleaning products and other cleaning processes

Product applications

- Seals
- Stirrers and scrapers
- Nozzles

	Test method	Unit	Guideline Value
General properties			
Specific Gravity	ASTM D4894	-	2.32
Mechanical properties			
Hardness	Needle	Shore D	63
Tensile Strength (23°C)	ASTM D4894	MPa	28
Elongation at Break	ASTM D4894	%	290

This declaration refers to raw material and does not necessarily cover the finished product. The materials have been manufactured in accordance with the rules for GMP, EC/2023/2006, and there is a traceability system according to EC/1935/2004.

The material complies with the following regulations and standards:

- EU Directive 10/2011 EC. Limitation exist for the monomer tetrafluoroethylene (TFE) SML=0,05 mg/kg. The final product or articles should be tested for global and specific migration.
- FDA Directive 21 CFR 177.1550 (Fluoropolymers) PTFE may be safely used as additive in articles intended to come in contact with foodstuff.
- FDA Directive 21 CFR 178.3297 (Colorants for Polymers). The product is manufactured exclusively from the raw material and no other substances have been intentionally added. It is the responsibility of the customer to determine whether the finished product and its intended use comply with the laws and regulations.