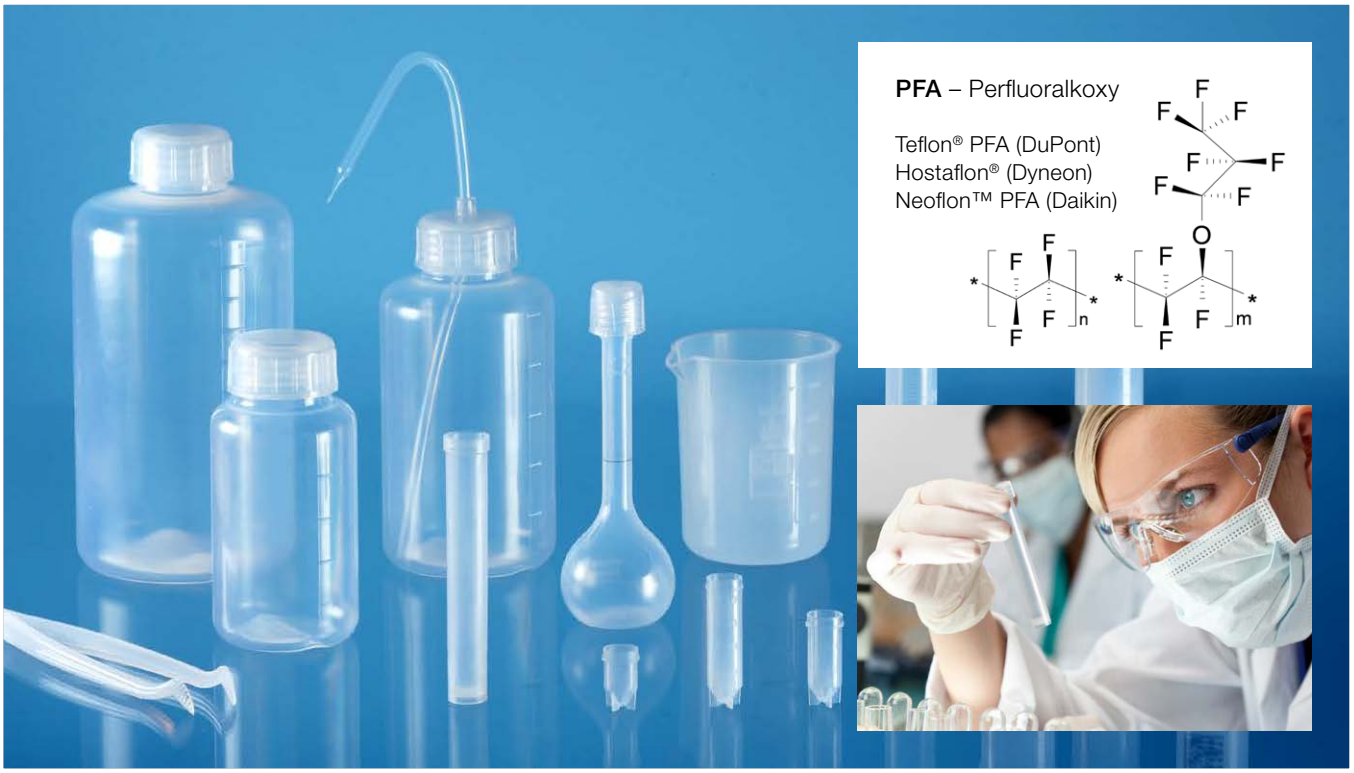
AHF ANALYSENTECHNIK

PFA LABWARE

Handling of ultra-pure, aggressive and sensitive products



PFA – THE SUPERIOR MATERIAL

:: Fully fluorinated polymer
:: Chemically inert due to strong C-F bonds
:: Ultra-pure polymer without any additives
:: Transparent polymer with smooth surface
:: Thermally resistant (–200 °C up to +260 °C)
:: Resistant against HF and oxidizing acids
:: Anti-adhesive and hydrophobic
:: Unbreakable

APPLICATIONS OF PFA

:: Safe storage of ultra pure chemicals
:: Ultra-trace analysis in ppt (pg/g) level
:: Handling of semiconductor materials
:: Digestion and element enrichment
:: Sample treatment in geochemistry
:: Storage of biochemical substances

PFA GENERAL LABWARE

Handling, measuring, dispensing, heating of ultra-pure and aggressive acids

:: Avoids element contamination
:: Stable in hot and aggressive liquids
:: Non-wettable due to hydrophobic surface
:: Ultra-low ionic interactions
:: Easy cleaning and autoclaving

PFA BOTTLES

Longterm storage of ultra-pure acids, standards and sensitive biochemicals

:: Narrow and wide neck designs
:: Translucent with volume marks
:: Volume range 10 mL to 10 Liters
:: Storage of ultra-pure liquids and acids
:: Safe sealing with PFA closure

PFA VIALS & TUBES

Sample digestion, element enrichment and measurement in Autosampler racks

:: ‘All-in-One’ concept minimizes errors
:: Vials fit in heating and Autosampler racks
:: Volume marks in 5 mL intervals
:: Optimized, rounded inner bottom for complete recovery of valuable samples

LASER MARKINGS

Individual marking – acid and smudge-proof!

:: The focused laser beam carbonizes the material under its surface. A high contrast appears between the marked and non-marked regions.
:: Barcodes, 2D codes, numbers and even logos or pictograms can be labeled
:: Marking area can be sized up to 70 x 70 mm
:: A laser pixel size smaller than 50 µm allows labeling of fine structures

AHF analysentechnik AG :: Kohlplattenweg 18 :: DE 72074 Tübingen :: Germany :: +49 7071 970 901-0 :: info@ahf.de :: www.ahf.de

AHF.03.2019.V23