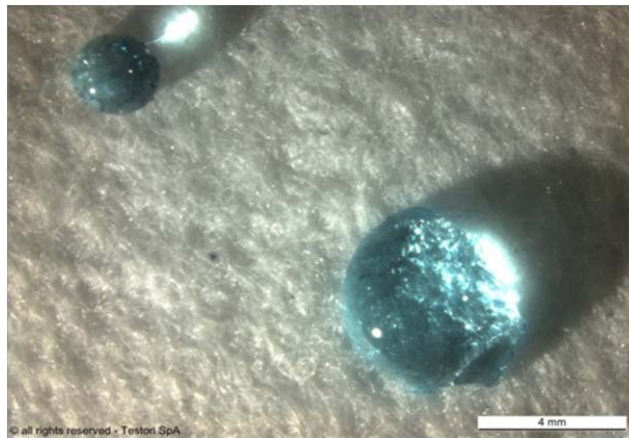


## KLEENTES “KL”

### TREATMENT:

Testori’s “Kleentes” treatment is applied in an aqueous bath containing **fluoro-carbon resins**. After dipping the excess water is squeeze out and the felt is run through a dryer to link the polymers to the individual fibers of the felt.

Kleentes is typically applied to polyester and homopolymer **acrylic felts** for **dust collection** and to **polypropylene** and **polyester** felts for **liquid filtration**.

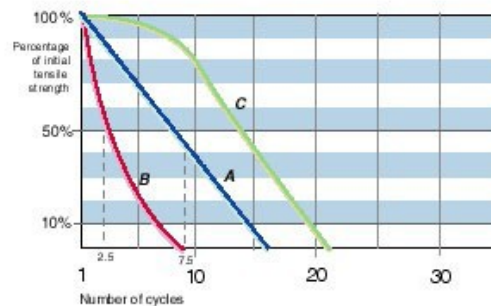


### MAIN CHARACTERISTICS:

- Fibers are **individually protected with fluorocarbon** chemicals (not a “surface” coating)
- Fluorocarbon resin is firmly bonded to the fibers making the treatment durable and not-migrating
- Glazed cake side surface further aides and improves **cake release** in different applications
- Kleentes finish **repels water and oil** (hydro and oleophobic)
- Resists binding or plugging due to wet, sticky or oil dusts/gas streams
- Provides **protection from chemical attack** by encapsulating each fiber: the graph below shows how the treated felt resists three times more than standard felts to acid environment

### END USES:

Dryers with high moisture gas streams; clay, cement & lime, chemicals, food & pharma; metallic, fume, soap & detergents, stearates.



- A** Polyester Kleentes
- B** Polyester
- C** Acrylic homopolymer

A cycle consists of an immersion into an acid solution containing  $H_2SO_4$  followed by drying in an oven at  $135^\circ C$  for 5 min.