

# **Fundamental principles of textile technology**

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# Tekstil

- Stoff produsert ved veving

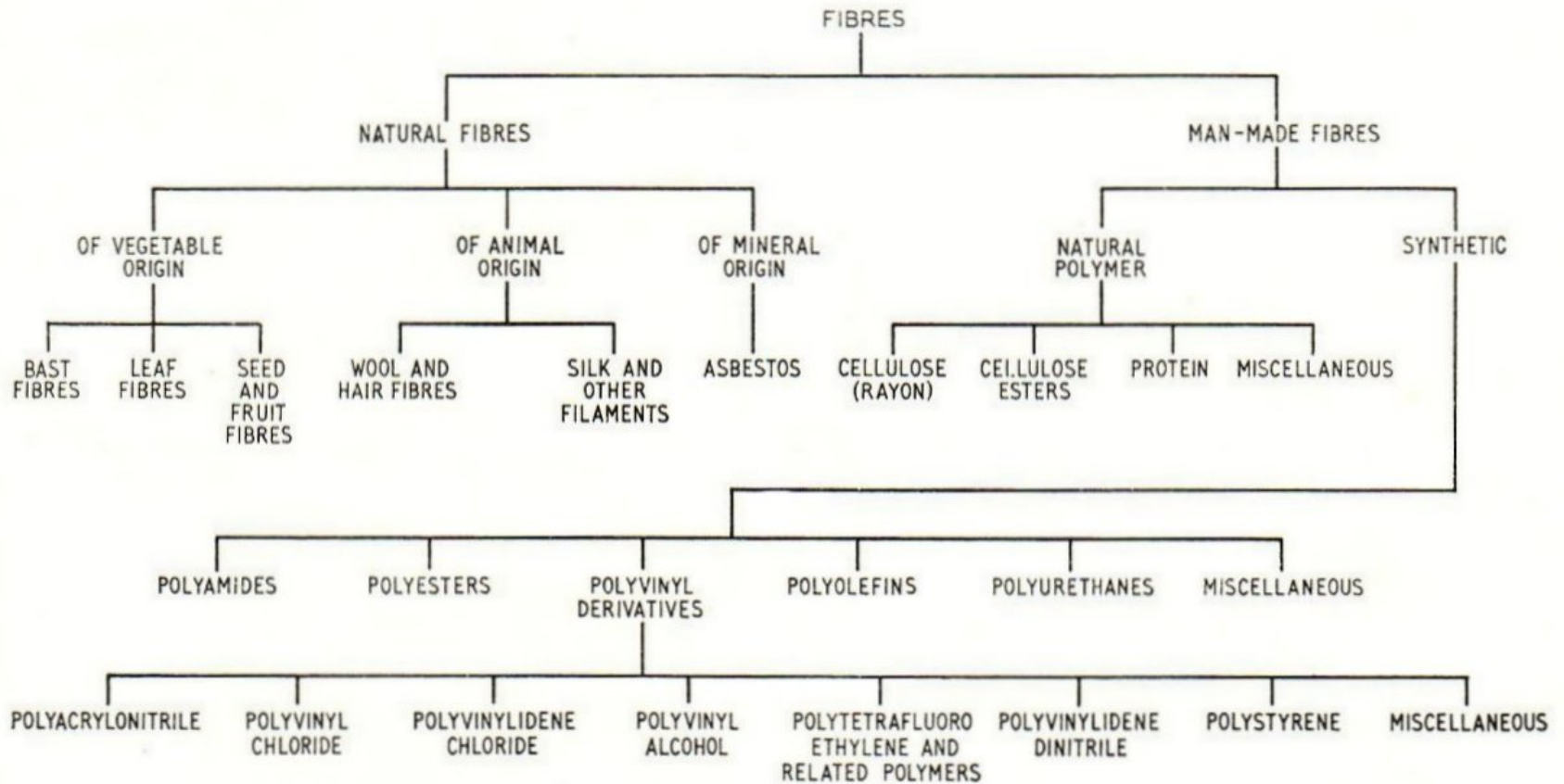
# Tekstil fiber

- Høyt forhold mellom tverrsnitt/lengde

# Essensielle krav - fiber

- Elastisitet
- Styrke
- Lengde

# Fiberkart



# Tekstile prosesser

- Fiber
- Garn
- Vev/trikotasje
- Farging/etterbehandling
- Konfeksjonering

# OP-produkter

- 100% bomull
- Bomull/polyester blanding
- 100% polyester

# Mikrofiber

- Finhet <1.0 dTEX (decitex)
- 1 dTEX 10.000 m /1g



# Barriere

- Tettvevde, ikke belagte materialer
- Laminater
- Belagt tekstil

# Belegg

- To eller flere lag, minst ett tekstil og ett polymer

# Laminat

- To eller flere lag, minst ett tekstil, limt sammen

**EU direktiv 93/42/EEC**

# CEN TC 205 WG 14

- Surgical clothing and drapes used as medical devices in health care facilities
  - Performance requirements and test methods

# CEN TC 205 WG 14

- To be responsible to TC 205 for the preparation of standards for performance requirements and test methods for reusable and single-use coverings for patients, clinical staff and equipment, intended to prevent the transmission of infective agents between patients and clinical staff during both invasive and non-invasive surgical procedures.

# EN 13795 – 1

- General requirements for manufacturers, processors and products

# EN 13795 – 2

- Test methods



# EN 13795 – 3

- Performance requirements and performance levels

# EN ISO 22610

Surgical drapes, gowns and clean air suits, used as medical devices for patients, clinical staff and equipment –  
Test method to determine the resistance to wet bacterial penetration

# EN ISO 22612

Clothing for protection against infectious agents – Test method for resistance to dry bacterial penetration