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Material specification

Product
Portable liquid-tight floor — Special Duty

Model
F100.003 (inflatable edges) / F100.006 (foam edges)

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Special Duty Floor — fabric type B1000TPU

The chemically resistant version: **Special-TPU** of approx. 1,000 g/m², developed for strongly improved chemical and abrasion resistance. For aggressive media, fuels and prolonged contact.

Fabric type	Buitink B1000TPU (Special Duty, TPU)
Base fabric	polyester, 1,100 dtex
Coating	aliphatic TPU, both sides
Total weight	approx. 1,000 g/m² (ASTM D751)
Tensile strength (warp/weft)	4,500 / 4,000 N/5 cm (ASTM D751-B)
Tear resistance	650 / 500 N (DIN 53356); 350 / 300 N (DIN 53363)
Weld seam adhesion	200 N/5 cm, HF-welded
Cold resistance	down to -40 °C
Standard colour	black
Antistatic version	on request



Special Duty: for aggressive chemicals and fuels.

Certification and quality

- **Kiwa covenant K97237-2** — the Special Duty floor is Kiwa-certified as a finished product and carries the Kiwa mark with a unique registration number.
- Every weld seam is factory-checked; liquid-tightness tested in accordance with the Kiwa covenant.
- For resistance per chemical, see our "**Chemical resistance**" guide or discuss your medium with us.

Application

Containment of aggressive chemicals, fuels and oils, including prolonged contact: fuel stations and storage, (petro)chemical industry, emergency response and industrial cleaning.