



SepaFlex®

As FFS film or a converted flat or side gusseted sack, this 2-ply separable PE packaging is the hygienic packaging solution for sensitive products.

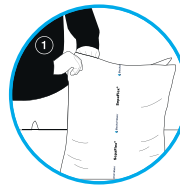
Advantages

- + Protection of the product and inner film from contamination caused by dirt, mold, and moisture
- + The outer film can be removed easily and without residues by means of peelable welding seams
- + No aids such as knives required
- + The contaminated outer film does not enter the clean high-care area
- + Packaging conformity with food law (LFGB, FDA, GB standard)
- + The outer and inner film can be printed for effective promotion
- + Longer product shelf life
- + FFS – forming, filling, and sealing in one operation

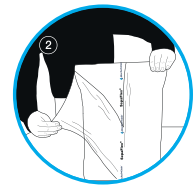
Industries

- + Sensitive foodstuffs
- + Powdered milk (infant food)
- + Food additives and supplements
- + Special chemical products
- + Pharmaceutical precursor products

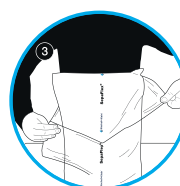
Function



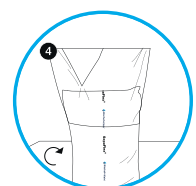
Open welded corners at the top.



Peel back seam of the outer layer ...



... and pull the film to both sides.



Turn sack upside down and remove outer film completely.



SepaFlex® consists of 100 % PE-
single-origin and completely recyclable.

Size ranges

Film/sack width	Side gusset width	Outer film thickness	Inner film thickness
220 – 410 mm ± 5 mm	70 – 200 mm ± 5 mm	60 – 80 µm ± 5%	120 – 180 µm ± 5%

Mechanical values (standard film, outer 60µm + inner 180µm)

Coefficient of friction (COF)	µs 0.5 / µd 0.45 ± 0.10	DIN EN ISO 8295 / ASTM D 1894
Ultimate tensile strength (UTS)	MD ≥ 30 N / mm ² TD ≥ 25 N / mm ²	DIN EN ISO 527
Elongation at tear	≥ 550 % MD / TD	DIN EN ISO 527
Elmendorf	MD ≥ 1,000 cN TD ≥ 3,000 cN	DIN EN 21 974 / ASTM D 1922
Creep test	≤ 20 % (50°C / 5h / 1kg)	Bischof+Klein in-house test method
Water vapor permeability	0.35 g / m ² x d (23°C / 85 % r.F.)	ASTM F 1249-90; DIN EN ISO 15106-2

Versions

- FFS film on reel
- Flat or side gusseted sack
- Ventilation system can be integrated (PowFlex®)
- Suitable for pattern repeat and random printing

Packaging

- Reel material on plastic cores Ø 150 mm
- Max. reel diameter 1,200 mm
- 3 reels on a pallet 1,000 x 1,200 mm
- Individual sacks in cardboard boxes of approx. 2,500 pcs. on a pallet
- Protectively packaged with black film hood, strapped with plastic bands, and stretch wrapped

