

HEAVY DUTY SACK FILM

5-layer Heavy Duty Sack (HDS) film inline printed and gusseted



This Heavy Duty Sack (HDS) film is produced at a ground-breaking production output with excellent film tolerances and roll quality. The film meets the requirements of all downstream processes from inline printing, side gusseting and embossing to filling and stacking of the finished bags.

- 110 µm thickness
- 5-layer structure consisting of a blend of metallocene and PE-HD types
- Easy processing with W&H machinery and Sabic performance resins
- Flexibility of recipe development at ground-breaking output levels

Our partners



SABIC® SUPEER™ metallocene

The film features the newly introduced SABIC® SUPEER™ metallocene.

Together with the high molecular weight PE-HD succeeds in fulfilling the current film requirements defined by SABIC® by passing creep resistance test as well as extensive drop tests.

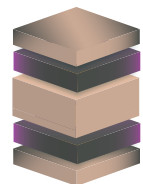
Your advantages

- ✓ Excellent sealing/hot tack properties
- ✓ Strong impact resistance
- ✓ High package integrity and load stability
- ✓ Excellent toughness/stiffness

Recipe

Heavy Duty Sack Film

Amount [%]	Resins		Layer thickness	Functions
90 10	mLLDPE HDPE	SUPEER SABIC HDPE	15 µm	Toughness; Stiffness
91 9	HDPE Masterbatch	SABIC HDPE POLYBATCH White	17 µm	Stiffness; Colour
100	mLLDPE	SUPEER	46 µm	Toughness
91 9	HDPE Masterbatch	SABIC HDPE POLYBATCH White	17 µm	Stiffness; Colour
90 10	mLLDPE HDPE	SUPEER SABIC HDPE	15 µm	Toughness; Stiffness



BUR: 1 : 1.9
Output: 480 kg/h
Thickness: 110 µm



Learn more about
HEAVY DUTY SACK FILM on **OPTIMEX™ FFS**:
www.wh.group/K2019

Find more information about **OPTIMEX™ FFS**
on the back of the page.



OPTIMEX^{FFS}

15 – 20 % output increase with the optimal line for Heavy Duty Sack (HDS) films



The OPTIMEX^{FFS} has been optimized to overcome the three main factors limiting the line output of the most commonly used recipes in Heavy Duty Sack (HDS) film production. The improved bubble stability with a new high performance cooling package leads to 15 – 20 % output increase.

A secondary cooling ring prevents blocking of the collapsed tube. Combined with new cooling ring concept it enables our customers to unlock the full potential of the line output. The products featured at live demonstrations are produced at highest output and without any anti-block additives.

The 5-layer system provides a highly flexible platform for recipe design at a groundbreaking output level.

More features

- Easy operation and well-integrated processes
- 3- or 5-layer films e.g. for petrochemicals
- Up to 6-colour inline printing including the gusset area
- Micro-perforation for powdery products available

Your advantages

- ✓ Superior line output
- ✓ Excellent film tolerances and roll quality
- ✓ Easy operation and well integrated processes

Technical Data

Line width	650 mm
Number of film layers	3, 5
Extruder screw diameters	60, 70, 90 mm
Die diameters	160 – 180 mm
Raw Materials	PE, PP
Mono Winders	FILMATIC O (surface/center winder)

