

The following provisions shall apply in addition to our terms of sale, delivery and payment:

1 For all deliveries (including replacements), \pm deviations shall be permissible in the context of Clauses 2 to 3.

2 Quantity deviations

2.1 Plastic sacks, heavy duty film thicker than 150 μm :

15 % for quantities up to	5,000 units or linear metres
10 % for quantities up to	25,000 units or linear metres
5 % for quantities more than	25,000 units or linear metres

2.2 Technical films and composite films, bags and carrier bags, thin films thinner than 150 μm :

30 % for quantities up to	10,000 units or linear metres
20 % for quantities up to	25,000 units or linear metres
15 % for quantities up to	100,000 units or linear metres
10 % for quantities more than	100,000 units or linear metres
5 % for quantities more than	1,000,000 units or linear metres

3 Dimensional deviations

3.1 Thickness tolerance of polyethylene films

3.1.1 Tolerances at delivery per lot number

For the ordered nominal respectively target thickness or grammage the following tolerances are valid at delivery per lot number:

up to 200 kg	$\pm 10 \%$
from 201 - 1,000 kg	$\pm 7 \%$
from 1,000 kg	$\pm 5 \%$

3.1.2 Scattering 2 S of the individual values (S = standard deviation)

Maximum deviation of the single value from nominal thickness, whereat 95 % (corresponds to 2 S) of all measured points have to fulfill these requirements.

nominal thickness	max. single deviation
15 $\text{m}\mu$ - 25 $\text{m}\mu$	$\pm 15 \%$
> 25 $\text{m}\mu$	$\pm 13 \%$

Note:

These values apply to single- and multi-layer LDPE-films. For laminated films or films produced from other polyolefins (PE-HD, PE-LLD), spreading may be up to 3 % higher.

3.2 Length tolerance ±

3.2.1	Bottom-seam bag up to 30 cm	10 mm (otherwise ± 3 %)
	Side-sealed bag up to 20 cm	5 mm (otherwise ± 3 %)
3.2.2	Run length of rolled goods	up to 1,500 m 2.0 %
		above 1,500 m 1.5 %

3.3 Width tolerance ±

3.3.1	Side-sealed bag up to 20 cm	5 mm (otherwise ± 2.5 %)
	Plastic sacks / tubular film up to 40 cm	10 mm (otherwise ± 2.5 %)
	Bottom width	5 mm
3.3.2	Side-gusset width of side gussets- tubular film up to 80cm	10 mm (otherwise ± 12 mm)
3.3.3	Rolled goods, trimmed (measured from a reel):	
	PE film up to 500 mm	5.0 mm
		over 500 mm 7.5 mm

4 Manufacturing defects

Our products are mostly fully machine-produced, mass-produced items. We set ourselves the target of carrying out the delivery to the customer's satisfaction. However, technical manufacturing defects cannot be completely ruled out and claims for deficiency losses or consequential damages up to max. 2.0 % of the order quantity shall therefore be excluded.

5 Colouring films

Agreed patterns shall be decisive subject to slight deviations and/or variations.

6 Inks

The inks used represent the state of the art in terms of abrasion resistance, light fastness and water resistance.

The standard of quality is significantly dependent on the substrate.

7 Variations in quality

The quality characteristics agreed upon acceptance of the order shall be binding for us. In terms of test methods, the relevant, valid, national and international standards shall apply. In specific cases, test methods in accordance with DIN ISO EN or other customary or practical methods such as specific measurement equipment manufacturer solutions shall be used. Deviations and variations within the tolerated area shall not be deemed cause for complaint. In cases of doubt, evaluation by an independent expert shall be binding for both parties.

8 Other technical characteristics

- 8.1 For those products supplied by Thermo-Pack, storage between 15°C - 30°C and 40 % - 65 % relative humidity is recommended. These products are to be protected from UV radiation. When stored outdoors, these products are, in particular, exposed to environmental conditions such as foreign particles, moisture, UV radiation, the effects of which cannot be controlled.
- 8.2 Thermo-Pack shall assume no liability for damages caused by improper storage on the part of the customer.
- 8.3 Products supplied by Thermo-Pack are to be stored under processing conditions for 48 hours prior to processing in order to acclimatize.
- 8.4 Processing is to be carried out within 6 months of leaving the manufacturing plant and 9 months after the production date at the latest.
Insofar as deviating sourcing agreements are made in particular cases, these shall prevail over the Technical Terms of Delivery.
- 8.5 Thermo-Pack shall assume no liability for improper storage or the processing period being exceeded unless the damage is not caused by the processing period being exceeded or the improper storage.

9 Processing guidelines

For rolled goods with a core sleeve, the outer layers as well as the inner layers to the sleeve are to be discarded so as to prevent possible contamination.
For the same reason, it is necessary to ensure that glued areas as well as their adjacent areas are removed before further processing takes place.

10 Miscellaneous

- 10.1 We reserve the right to make technical modifications that do not compromise the intended use.
- 10.2 The products supplied by Thermo-Pack shall be produced categorically in accordance with the agreements concluded with the customer. An inspection as to whether the product is suitable for its intended purpose shall be the responsibility of the customer. This shall apply in particular in regard to intended contents in packaging (e. g. interactions between packaging material and contents, migrations) as well as to handling after processing (e. g. transport, redeposition, storage conditions).
- 10.3 All conditions pertaining to the packaging of dangerous goods described in registration certificates shall be complied with.
- 10.4 In particular cases, written statements of compliance may confirm conformity with current international, European and national guidelines (such as food legislation, environmental law, pharmaceutical law etc.).

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