

Technical Terms of Delivery

The following stipulations also apply in addition to our terms of sale, delivery and payment for:

Paper and plastic sacks, containers,
Heavy duty film,
Thin films,
Small-sized paper packaging and material on reels,
Plastic bags and carrier packs,
Laminates and technical films.

1 ± deviations within the framework of numbers 2 to 3 are permissible for all deliveries (including replacement deliveries).

2 Quantity deviations

2.1 Paper and plastic sacks, heavy duty film, thicker than 150 µm:

15% for quantities up to	5,000 units or linear meters;
10% for quantities up to	25,000 units or linear meters; and
5% for quantities over	25,000 units or linear meters.

2.2 Technical film and laminates, small-sized paper packaging and material on reels, paper and plastic bags and carrier bags, light films thinner than 150 µm:

30% for quantities up to	10,000 units or linear meters;
20% for quantities up to	25,000 units or linear meters;
15% for quantities up to	100,000 units or linear meters;
10% for quantities over	100,000 units or linear meters; and
5% for quantities over	1,000,000 units or linear meters.

3 Dimensional deviations

3.1 Weight deviations (mean surface weight)

Kraft sack paper, machine-glazed, glazed on one side	4.0%
Coated paper	5.0%
Bitumen and special papers	7.5%
Paper PE-coatings	10.0%
PE films	5.0%

3.2 Polyethylene film thickness tolerance

Measured, mean film thickness deviation from the nominal value:	5.0%
Individual value scatter 2S (S = standard deviation) around the measured mean value:	12.0%
(Shrink film 15%, pallet shrink film 50–99 µm 17%, stretch films 20%)	

Note:

These values apply to single- and multi-ply LDPE films. The scatter for laminates and films manufactured from other polyolefin raw materials (LLDPE, HDPE, PP) may be up to 3% higher

3.3 Length tolerance +/-

Paper and plastic sacks	10.0 mm
Shrink hoods	30.0 mm
Liners	20.0 mm
Bags (stand up pouches/flat bags/hygiene bags)	5.0 mm
block bottom bags	
up to 470 mm	3.0 mm
over 470 mm	5.0 mm
Linear length of material on reels up to 1,500 m	2.0%
Linear length of material on reels over 1,500 m	1.5%

3.4 Width tolerance +/-

Paper and plastic sacks with longitudinal seam	5.0 mm
Plastic sacks and liners manufactured from tubular film	10.0 mm
Bottom width	5.0 mm
Valve width	- 0 + 8.0 mm
Front and side gusset width of:	
side gusseted tubular film	10.0 mm
side gusseted sacks made from flat film	5.0 mm
Width and side gusset width of:	
Shrink hoods and tubular shrink film	20.0 mm
Bags (stand up pouches/flat bags/hygiene bags)	5.0 mm
Block bottom bags	
bag width up to 320 mm	2.0 mm
bag width over 320 mm	3.0 mm
bottom width up to 180 mm	2.0 mm
bottom width over 180 mm	3.0 mm
Material on reels, edged (measured on reel):	
Paper and Laminates	
up to 500 mm	1.5 mm
over 500 mm	2.0 mm
PE films	
up to 500 mm	5.0 mm
over 500 mm	7.5 mm

4 Manufacturing Defects

Our products are primarily articles which are mass produced fully-automatically. Our objective is to execute deliveries to the customer's satisfaction.

However, technical manufacturing defects cannot be ruled out entirely. Claims for deficiency losses or consequential damages up to max. 0.5% of the order quantity are therefore excluded.

5 Colouration of films

Agreed samples are binding, whereby minor deviations and/or fluctuations are permissible.

6 Printing inks

The printing inks which are used are state-of-the-art in terms of abrasion resistance, colourfastness and water resistance. The quality standard which is achieved is significantly dependent on the material to be printed.

7 Quality deviations

The quality characteristics agreed on acceptance of the order are binding for us. The current, relevant national and international standards apply with regard to the inspection methods which are implemented.

Inspection methods based on DIN, ISO, ASTM or other accepted or relevant methods, such as e.g. specific solutions from measuring equipment manufacturers, are applied in individual cases. Deviations and fluctuations within the tolerance ranges do not give cause for complaints. In cases of doubt, the assessment of an expert appointed by the Münster Chamber of Trade and Commerce is binding for both parties.

8 Other technical characteristics

Storage at 15 – 35°C and 45 – 75% relative humidity is recommended for unfilled packaging. The packaging materials must be protected from UV radiation. Bischof + Klein accepts no liability for damage to unfilled packaging which is attributable to improper storage at the customer's premises.

Prior to processing, packaging must be stored for 48 hours under processing conditions in order to acclimatise it.

Processing must be carried out within 6 months of leaving the production plant, but a maximum of 9 months following the date of manufacture. Specific, deviating characteristics may be agreed in individual cases. These take precedence over the technical terms of delivery.

If the customer fails to process the materials in good time prior to the expiry of the processing period, Bischof + Klein accepts no liability for damages, unless these are not attributable to the customer's exceeding the processing period.

When stored in the open air, filled packaging, particularly sacks and FIBCs, is exposed to environmental conditions over which Bischof + Klein has no influence. Bischof + Klein cannot accept any responsibility for damage caused as a result of this. Filled individual and shipping packaging must be protected from dust, moisture and UV radiation.

We accept no liability in the event of deviations from storage instructions on the part of the customer, unless this damage is not attributable to deviations from storage instructions. The shelf life of the products differs depending on the manufacturing processes or raw materials which are used. The storage conditions will depend on the package content in each case.

It is the responsibility of the customer to check the necessary storage conditions of the contents and possible interactions between the packaging material and the contents.

9 Miscellaneous

We reserve to the right to implement technical changes which do not impair the intended usage.

Packaging materials and films are always manufactured according to the agreements reached with the customer. The risk of applicability for the intended purpose, in addition to the contents, is borne by the customer.

This particularly applies to changes in the quality of the contents, which may arise as a result of interactions with the packaging material or its constituents.

Conformance with the current international, European and national regulations (e.g. food law, environmental law, drug legislation, etc.) can be confirmed in written Declarations of Conformity in individual cases.