



**General Sales Conditions
For AUTOPACK Equipment & Spares
(ST05)**

1.1 Scope

These general conditions of sales cover all sales of Autopack Co., Ltd Spares & Equipment (shrink packaging systems and traypackers) and are a general supplement to the more specific quotation, if existed. Each clause below is valid unless explicitly stated otherwise in an official quotation. Customer orders are binding only if Autopack Co., Ltd has confirmed them in writing (Order Confirmation).

1.2 Film Specifications

AUTOPACK Shrink Packing Systems are designed for use with the following type of shrink film:

Polyethylene (LD-PE) shrinks film for sleeve wrap in roll.

LDPE Type of data	Value/Unit
Melt index	0.70+/-10%.
Density	0.92-0.93 kg/ Dm ³ .
Dart Drop	Min. 180g
Friction coefficient	0.45 +/- 0.10
Sealing Strength	Min 75% of Film Strength.
Working Shrinking Temperature	170 ⁰ – 190 ⁰ C.
Working Sealing Temperature	125 ⁰ -135 ⁰ C
Shrinkage	70% MD (length direction) and 15% TD (across web) 10%

Proper function and full life usage of the shrink packaging system can not be guaranteed with other type of film than the film with the specifications above.

1.3 Cardboard Trays Specifications

Autopack Tray packer can only be operated when using “perforated” cardboard trays.

Further specifications beside “perforation” for the cardboard trays are provided accordingly in the quote.

1.4 Pack Appearance

The shrink wrapping method utilized by the equipment offered here, called *sleeve wrapping*, it has numerous advantages – such as cost efficiency and speed – but also a few limitations: By topology, the sleeve will shrink leaving a “bulls eye” on each side of the pack. For machines with sealing bar system there will be a welding seam across the leading and trailing face of the pack. For Continuous Overlap Motion Machine an overlap type seal is at the base of the pack

In addition, there will be wrinkles present on the film wrap around the holes and near the ends of the pack. The extent and position of wrinkling will depend on pack geometry, heat, speed and other factors. There will be also some marks on the film wrap at the base of the pack as result of traveling through the shrink tunnel. Being at the base these are normally not visible and to not affect the pack appearance.

1.4.1 Machine With Sealing Bar System

Machines with sealing bar with produce a pack with a thin welding seam on the leading and trailing face of the pack. At the leading face the seam may be anywhere fro 0 to 15mm and at the trailing face typically from 25 to 35mm from the base.

1.4.2 Continuous Motion Overlap System

The sealing of the film sleeve is achieved by overlapping the film and using the tunnel heat to achieve a partial fusion in the overlap region. The overlap seal is only a partial seal however it is strong enough to guarantee the integrity of the package for transport and display. However sometimes there may be some areas which can be separated when forced apart or there may be small holes. These do not affects the integrity of the pack and are considered normal. The overlap seal is also present at the bottom of each side of the pack which may have some wrinkling or slight misalignment and may not be exactly same size as opposite side.

All of above effects mentioned in Par 1.4 are inherent to the sleeve wrapping process and are not valid reasons for dishonoring the sales terms.

1.5 Cancellation

Cancellations of orders must be made in writing and have to be confirmed by Autopack Co., LTD. Any additional administrative costs already incurred by Autopack Co., LTD, must be paid by the customer.

1.6 Delivery Time

The delivery time is specified in the confirmation of order/contract. The delivery time may be extended due to unforeseen circumstances such as acts of God (epidemic, earthquake, etc), war, as well as delivery delays from our material suppliers.

1.7 Commissioning

Whether the commissioning of the equipment is supervised by Autopack Co., Ltd Engineers or not, the end user will bear the cost of any products damaged during the commissioning period.

1.8 Warranty

We offer one-year guarantee for parts and workmanship.

The warranty does not cover consumable items or parts damaged through lack of preventative maintenance or misuse.