

# LAUNDRY LOGISTICS



**THERMOTEX**   
MARKING THE FUTURE

**Laundry sorting systems,  
transport solutions & software**

# SORTEXX FLEX

LAUNDRY SORTING SYSTEM

SorTexx Flex — Modular laundry sorting solution |

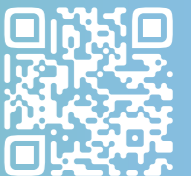


### Full control of system status

Touch interface for control and information



Further Information:



## SMART SOLUTIONS FOR STREAMLINED LAUNDRY MANAGEMENT

Discover our versatile product range for transporting, storing, and sorting your laundry. Our well-designed solutions in the areas of laundry sorting and transport ensure safe and hygienic laundry management.

Optimized workflows not only save time and reduce costs but also boost satisfaction among both customers and employees. Choose quality that delivers results!



Stable and reliable  
**wireless communication technology**

Individual  
**colour settings**  
per compartment

**User-friendly**  
operation

**New flexibility**  
of the system

**High-precision**  
measurement  
technology

**Advanced sorting solutions — Redefined!**



Textiles are always in the right place:  
Thanks to clearly visible light signals, the SorTexx Flex system reliably indicates the correct compartment for each tagged laundry item, making operation highly intuitive and easy to use.

## SORTEXX FLEX

for laundry sorting

- ▶ Easy assignment of laundry items during dispatch
- ▶ Clear identification via barcode, and or RFID identification
- ▶ Reliable sorting through clearly visible light signals
- ▶ Acoustic alert in case of incorrect assignment
- ▶ Flexible sorter rack arrangement enabled by wireless technology
- ▶ Different compartment sizes can be configured on a single sorting rack
- ▶ Multiple sorting racks can be easily and flexibly combined
- ▶ Full monitoring of the entire compartment area (reliable detection even for small laundry items)



Flexible and precise — tailored to your individual requirements  
The color display spans the entire width of the compartment, ensuring reliable, gap-free monitoring.

Optimizes your workflows, reduces stress, and relieves your staff.  
Cost-effective solution: Fewer errors lead to lower process costs.



SorTexx Flex — SorTexx Flex — Modular laundry sorting solution |

### Clear Identification

Marked laundry items are clearly identified using barcode, data matrix code, or RFID technology — and instantly assigned to the correct compartment or laundry bag.

With maximum reliability and unmistakable accuracy.



SorTexx Flex system overview

Dimensions (W x D x H)	2044 x 618 x 1908
Power supply	230 V, 50 Hz
Power consumption	100 W
Degree of protection	IP 30
Protection class	1
Weight	105 kg

System	Size (W x H x D)	Item no.
SorTexx Flex - 20 compartments	340 x 340 x 533	24803
SorTexx Flex - 24 compartments	290 x 340 x 533	24804
SorTexx Flex - 25 compartments	340 x 265 x 533	24805
SorTexx Flex - 30 compartments	290 x 265 x 533	24806

## IN-SORTEXX

The visual aid for easy pre-sorting



- ▶ Time savings during sorting
- ▶ Illuminated LED clearly indicates which wash program each item belongs to
- ▶ Clear identification via barcode, and or RFID identification
- ▶ Fewer errors thanks to highly visible pre-sorting support
- ▶ Flexible use with shelves, containers, or collectors
- ▶ Light sensor frame for confirmation during laundry drop-off — also usable as a counting frame

### Also usable as a counting frame

Light sensor frame for confirmation during laundry drop-off



SorTexx LSR 280 Package  
SorTexx LSR 500 Package



Item no. 21273  
Item no. 21274



Intelligent control with a flexible bus system:  
IN-SorTexx and SorTexx Flex are easy to set up. The system is equipped with an intelligent coordinator featuring a clear, user-friendly display. Thanks to the open protocol, SorTexx systems can communicate with all common laundry management software solutions, ensuring reliable sorting of tagged laundry items.

# LAUNDRY LOGISTICS

## SELF-EMPTYING LAUNDRY BAGS

Standard three-layer cut with two fabric toggle fasteners

- ▶ White or fully coloured
- ▶ Fabric: 100% polyester, 220 g/m<sup>2</sup>
- ▶ With two coloured identification stripes
- ▶ All versions comply with accident prevention regulations (UVV)
- ▶ Dimensions: approx. 100 x 58 cm
- ▶ Additional cuts and closures available on request



Woven-in customization available from 100 pieces



White + Colour-coded stripe	Item no.
white / green	51160
white / yellow	52186
white / red	52187
white / blue	52188
white / light brown	67933
white / grey	56909
white / without stripes	58169

Fully coloured + Colour-coded stripe	Item no.
green / green	52529
yellow / yellow	52262
red / red	52263
blue / blue	52264
light brown / light brown	50756
grey / grey	52230

Tailor-made laundry bags and mesh nets possible!

## LAUNDRY TRANSPORT BAGS

Standard: Fixlock cord fastener; other fastener options available on request

- ▶ White or fully coloured
- ▶ Fabric: 100% polyester, 170 g/m<sup>2</sup> (standard)
- ▶ Dimensions: approx. 100 x 60 cm



Woven-in customization available from 100 pieces



### Your Benefits:

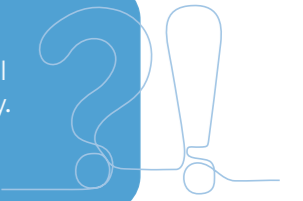
- ▶ Laundry bags are ideal for pre-sorting and ensure hygienic and orderly storage of laundry.

Colour	Item no.
white	56462
green	56459
yellow	56984
grey	64618
red	56461
blue	56460
brown	59629
orange	59630

Starting from a minimum order quantity of 100 units, laundry bags, laundry transport bags, and resident laundry bags can also be supplied with customized single-colour woven-in designs. Woven-in designs are available in green, yellow, red, blue, brown, white, or black.

## Laundry Bags and Laundry Nets

Laundry bags and nets are widely used in nursing and care homes, as well as in hospital and industrial laundries. They are designed for sorting and hygienic transport of laundry. Choose from our extensive range of laundry bags and nets. A wide variety of colours, shapes, and fasteners is available.



## RESIDENT LAUNDRY BAGS

Standard: Poplock cord fastener; other fastener options available on request

- ▶ White or fully coloured
- ▶ With side hanging loop (10 cm long / 3 cm wide)
- ▶ Fabric: 100% polyester, 220 g/m<sup>2</sup> (standard)
- ▶ Dimensions: approx. 70 x 50 cm



Woven-in customization available from 100 pieces

Colour	Item no.
white	52394
green	53425
citro yellow	57952
yolk yellow	58999
red	55316
blue	53621
brown	58029
grey	52473

Further Information:



## Fasteners for laundry transport bags and resident laundry bags

Fixlock cord fastener



Poplock cord fastener



## Fasteners for self-emptying laundry bags

Standard fabric toggle



Simple Monty toggle

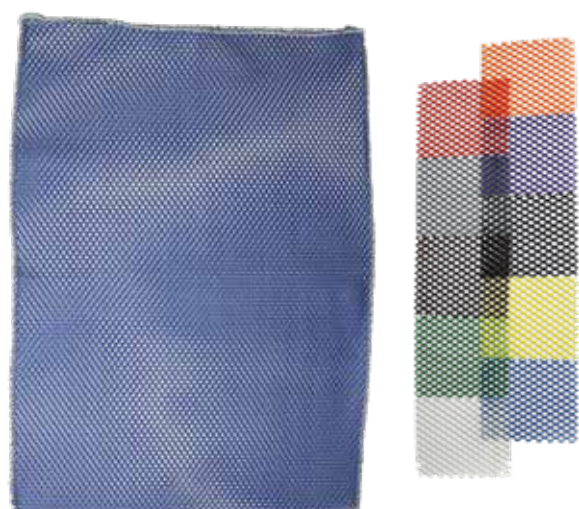


Hook fastener



# LAUNDRY NETS AND CLOSURES

Tailored variety — Choose from a wide range of sizes, colours, mesh fabrics, and accessories.  
Minimum order quantity per colour and size: 10 pieces.



- ▶ Standard mesh fabric PES 2, 100% polyester  
Approx. 173 g/m<sup>2</sup>, mesh width approx. 7 mm
- ▶ Resistant to all common chemicals used in laundries
- ▶ Temperature resistance: up to 95 °C during washing, up to 130 °C during drying (max. 120 °C with DIBE closure, max. 110 °C with rubber closure)
- ▶ Standard sizes:
  - 40 x 60 cm (holds approx. 1.5 kg of laundry)
  - 50 x 70 cm (holds approx. 3 kg of laundry)
  - 60 x 90 cm (holds approx. 5 kg of laundry)
- ▶ Special sizes available
- ▶ Colours: white, green, yellow, red, blue, brown, orange, violet, black, and grey

- ▶ Zipper: Available without cover, with triangular cover, or with 4 cm tape cover



- ▶ (1) Rubber net fasteners — available in various colours
- ▶ (2) DIBE cord fastener — available in white, yellow, red, green, blue, brown, violet, orange, grey, and black. White version available with labeling
- ▶ (3) Teflon button fasteners
- ▶ (4) Laundry Pin — labeling possible
- ▶ (5) PA Button — labeling possible

# ADDITIONAL ACCESSORIES

- ▶ (1) Sewn-on label or (2) flag tag, (3) hanging loop — also available as (4) double snap fastener, (5) fill height marking



Available in various combinations. Contact us — we'll be happy to advise you!

# LAUNDRY DISTRIBUTION CABINET



- ▶ Cabinet series with precisely matched components
- ▶ Resistant to moisture and abrasion
- ▶ Powder-coated sheet steel, riveted construction — sturdy and stable design
- ▶ Available models: compartment cabinets with 3, 5, 8, 10, or 15 compartments, and laundry collection cabinet
- ▶ Optional accessories: base (for easier access to lower compartments) or sloped top (to prevent items from being placed on top)
- ▶ With cylinder lock per compartment (two keys) or combination lock and central lock (one key)
- ▶ Body colour: grey (RAL 7035); Door colour: dark blue (RAL 5002)

### Options:

- ▶ Replacement locks
- ▶ Compartment labeling with self-adhesive labels
- ▶ Laundry bag for collection cabinet: 100% nylon, blue

### Your Benefits:

- ▶ Perfect for neatly storing folded laundry, e.g., employee clothing.
- ▶ The modular design allows for flexible assembly as needed — ideal for storage even in small spaces.

### Single Unit

Compartment Cupboard:

- ▶ Dimensions (W x D x H): 378 x 454 x 1,819 mm
- ▶ Base height: 155 mm
- ▶ Sloping top height: 150 mm

Type: compartment cupboard with cylinder lock	Item no.	Compartment cupboard with combination lock	Item no.	Compartment cupboard accessories	Item no.
3-compartment cupboard	64046	3-compartment	68106	Base (sheet steel, grey)	55857
5-compartment cupboard	55854	5-compartment	66798	Sloping top (sheet steel, grey)	55858
8-compartment cupboard	64045	8-compartment	66861	Replacement lock for compartment cupboards	56115
10-compartment cupboard	55855	10-compartment	66645	Replacement lock for central door	56114
15-compartment cupboard	55856	15-compartment	66646	Replacement key for central door	58884
Laundry collection cupboard	55850	Laundry collection cupboard	55850	Laundry bag for laundry collection cupboard	55859

For laundry distribution within your company:

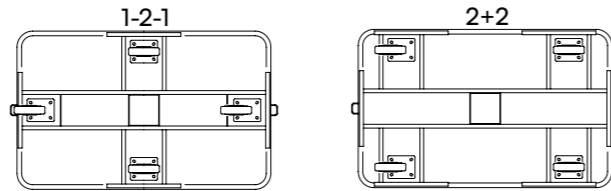
The laundry distribution cupboard, including the drop-in cabinet, can be stocked by your supplier.

**ALVI transport trolleys** are made of anodised lightweight metal and are stable, lightweight, and corrosion-resistant. They are hygienic, reusable, and recyclable. UV resistance, high heat capacity, and excellent thermal conductivity ensure optimal drying results. The trolleys are resistant to temperature fluctuations during cleaning and sterilisation. Non-marking rubber castors allow for gentle, floor-protecting movement.



## SPRING FLOOR TROLLEY 680 CR

- ▶ Made of anodised lightweight metal
- ▶ Equipped with one or two springs, depending on the model
- ▶ Springs with lower or higher load capacity available on request
- ▶ Springs are easy to replace



**Accessory:**  
Weight indicator



With weight indicator

Castor configuration	External dimensions in mm (WxDxH)	Spring load capacity	Item no.
1-2-1	1,080 x 630 x 800	47 kg	68835
2+2	1,080 x 630 x 800	47 kg	68836

Without weight indicator

Castor configuration	External dimensions in mm (WxDxH)	Spring load capacity	Item no.
2+2	1,080 x 450 x 770	32 kg	56549
1-2-1	1,080 x 630 x 800	47 kg	56550
1-2-1	1,470 x 730 x 800	95 kg	56551
1-2-1	1,550 x 930 x 850	85 kg	56552
2+2	1,080 x 630 x 800	47 kg	56553
2+2	1,470 x 730 x 800	95 kg	56554
2+2	1,550 x 930 x 850	85 kg	56555



Swivel and fixed castors for easy manoeuvring



## LAUNDRY AND RECYCLABLES COLLECTOR

For hygienic disposal of dirty laundry

- ▶ Trolley stand made of anodised lightweight metal
- ▶ Sturdy and durable construction
- ▶ All components are resistant to disinfection and washing
- ▶ Hygienic safety ensured by foot pedal operation
- ▶ Easy bag attachment via front opening
- ▶ No slipping of textile or plastic bags thanks to rubber stoppers on the retaining ring
- ▶ Lid remains secure thanks to integrated hinges — no unhooking
- ▶ All components available as spare parts
- ▶ Optional: castors with brakes

**Lid**

Available in 8 different colours. Item number upon request.



Foot pedal



Wheel lock

## TRANSPORT TROLLEY BA 20

- ▶ Made of anodised lightweight metal
- ▶ Smooth surfaces
- ▶ Walls reinforced with beads
- ▶ Sturdy base frame and deflector frame made of lightweight metal
- ▶ Available in perforated (Ø 10 mm) and non-perforated versions

External dimensions in mm (WxDxH)	Item no. perforated	Item no. non-perforated
1,030 x 530 x 770	56667	56543
1,030 x 630 x 770	56755	56544
950 x 710 x 875	57218	56545
1,330 x 730 x 805	57220	56547
1,330 x 730 x 880	57221	56548



Swivel and fixed castors for easy manoeuvring

# LAUNDRY CONTAINER

Ideal for transporting large volumes of laundry

- ▶ **Surface:** electro-galvanized, blue passivated
- ▶ **Castor set:** 2 fixed and 2 swivel castors (with brakes), Ø 125 mm, smooth-running TPE castors with thread guards
- ▶ Optionally with wire mesh base, plastic base or robust resin board
- ▶ Foldable and swivelling front panel for easy loading and unloading
- ▶ Delivered unassembled for space-saving transport

## Accessories

Intermediate shelf, tension belts, clothes rail, document frame, labeling board, inner and outer cover on request



Alternatively available with steel, wooden or plastic base

<b>External dimensions</b>	720 x 810 x 1520 mm
<b>Internal dimensions</b>	675 x 765 x 1370 mm
<b>Load capacity</b>	400 kg



Other sizes available on request

# INNER AND OUTER COVERS FOR CONTAINERS

Various dimensions customized to fit your container



- ▶ Used for sorting and hygienic transport of laundry
- ▶ For fast and clean transport of soiled laundry (inner covers) or fresh laundry (outer covers)
- ▶ Inner covers: four toggles at the front, three on the side, with lid
- ▶ Outer covers: four toggles at the front
- ▶ Various dimensions customized to fit your container
- ▶ Name weaving available (from 30 pieces)
- ▶ Colours: white, green, yellow (Citro), yellow (egg yolk), red, blue, brown, and grey
- ▶ Fabric: 100% polyester, 220 g/m<sup>2</sup>

Containers available on request

For more products and details, please contact us at [info@thermo-tex.de](mailto:info@thermo-tex.de)

# WASTE COLLECTOR

- ▶ The 312 CR waste collector is made of stainless steel
- ▶ No slipping of bags thanks to thermo-plastic rubber on the holder — ensures tightly sealed bags
- ▶ Resistant to disinfection and washing
- ▶ Hygienic safety ensured by foot pedal operation

W x D x H	Item no.
600 x 490 x 830	68831
600 x 490 x 990	68832



Compatible with laundry collectors and distribution trolleys

# SHELF TROLLEY

With connectable laundry collectors

- ▶ Body made of anodised lightweight metal
- ▶ Resistant to disinfection and washing
- ▶ Non-slip top shelf made of ABS with an 80 mm raised edge
- ▶ Four swivel castors with rubber bumper ring

<b>2 compartments</b>	210 L capacity
<b>Item no. 56590</b>	Dimensions (WxDxH): 620 x 445 x 334 mm
<b>3 compartments</b>	268 L capacity
<b>Item no. 57097</b>	Dimensions (WxDxH): 620 x 445 x 275 mm

For double laundry collectors	For single laundry collectors
<b>Item no. 57099</b>	<b>Item no. 57098</b>

## Accessory:

Available with drawers or doors upon request



Self-closing

# LAUNDRY MANAGEMENT SOFTWARE

Sort laundry even faster and easier with the laundry management software

Wherever large volumes of laundry need to be received, washed, sorted and returned at entry and exit points, THERMOTEX provides practical and user-friendly laundry software solutions.

The software acts as the central coordination hub for implementing THERMOTEX components in professional textile management. As illustrated in the graphic, all data converges in one place, giving you full visibility of every registered laundry item at all times.

In nursing homes, care facilities, or small laundries handling resident laundry, the software becomes your control center for optimising laundry logistics.

More transparency, simpler workflows, optimised processes — the software takes care of it all. All of our equipment is compatible with all softwares

## Key Benefits at a Glance

- ▶ Reduced workload for staff and fewer errors
- ▶ Complete transparency in all process flows
- ▶ Automated generation of customer-specific labels
- ▶ Clear statistical overviews per laundry item, wearer, or customer
- ▶ Increased productivity and efficiency through software-supported processes
- ▶ Enhanced security and fewer complaints
- ▶ Visual documentation through integrated camera system
- ▶ Full traceability of each laundry item at any time
- ▶ Easy data export from SQL database
- ▶ Ergonomic design with touchscreen functionality



To ensure that everyone receives their own laundry back — efficiently and reliably! For fast, error-free, and efficient laundry distribution.

- Inbound**
- ▶ Sorting of laundry after the washing process
  - ▶ Easy tracking of each individual laundry item eliminates the need for manual searching
  - ▶ Automatic monitoring of article thresholds and limit values

- Outbound**
- ▶ Pre-sorting based on defined criteria possible
  - ▶ Easy sorting by wearer, customer, or living area
  - ▶ Clear outbound documentation ensures security
  - ▶ Statistical shipment documentation available as PDF or printout





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