

Factory Standard 05-9601-000_50

Titel	Guidelines for cables and wires		
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Checked & Approved	Name	B. Mager	Signature
	Department	P-LOG	

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1 Purpose

This company standard describes the logistics requirements for deliveries of cables and wires to **binder**.

2 Scope

This company standard applies to all suppliers who supply **binder** with cables and wires. Exceptions require prior approval from **binder**.

3 Description

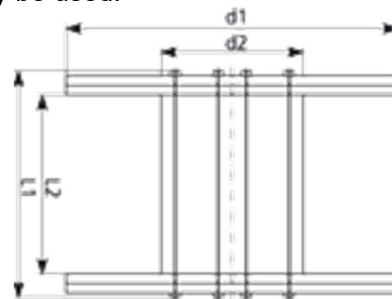
3.1 General

The goods must be delivered in accordance with the provisions of these guidelines as well as our logistics guidelines in accordance with factory standard 05-9204-000. A case-by-case deviation from these guidelines is only possible with prior written approval from **binder**. In any case, the supplier must ensure that storage and aging damage is excluded and that the goods reach their destination in proper condition by using appropriate packaging and securing loading units.

3.2 Drum dimensions und particularities

Only cable drums that meet the following properties may be used:

- Flange diameter (d1): 500-650 mm
- Core diameter (d2): approx. 150 mm
- Central bore / Core bore \varnothing : approx. 50 mm*
- Overall width (L1): approx. 450 mm
- Wrap width (L2): approx. 400 mm



Plastic drum* (wooden spools only if the use of plastic spools is not possible and if the wooden spools have been approved in writing by **binder** in advance).

- Maximum weight per drum: 80 kg*

Other types, sizes and weights of drums/reels must be agreed upon in writing with **binder** in advance.

Note: We cannot process ring goods.

3.3 Cable for the medical Sector

For cables and wires used in the medical sector, the packaging must ensure that there is no contamination or dirt. It must also be ensured that no contamination can occur as a result of winding and unwinding. In order to avoid this, in these cases it is permissible for the supplier to attach cardboard, for example, to the inside of the flange parts.

3.4 Goods labeling and transport documents

3.4.1 Contents of the delivery notes

See Logistics Guidelines ([Werksnorm 05-9204-000](#))

3.4.2 drum-/ spool label

The following data must be included on the **drum/spool label**:

- binder SAP order number
- binder drawing number with index
- Cable type designation with cross-section information z. B. Li2YH-11YH 3x0,34mm²
- CE labelling
- Cable manufacturing data of the control wire
- Number of meters on the drum
- Number of batch
- Date of production

For **UL / CSA** approved cables, the prescribed labels must be clearly visible on the coils. This data must be easy to read or highlighted.

3 labels must be applied per drum/spool:

- 2 labels on the front of the drum/reel
- 1 label offset by 90° on the cable/wire itself

When winding onto the delivery drums/spools, pay attention to the following:

- Have the old labels been completely removed?
- Unwinding direction must be carried out according to the drawing specification, i.e. the color sequence of the wires must match with the color sequence of the drawing.

3.5 Transport packaging / delivery

3.5.1 Loading unit

There may be a maximum of 6 drums/reels on a pallet. These must be set up so that the edge of the coil does not protrude more than 3 cm over the edge of the pallet. The drum/spools must be sufficiently secured for transport on the pallet.

Cables and wires must be stored on the pallet with underlying cardboard or stretch film for protection against contamination and dirt.



3.5.2 Winding per drum/spool

For all diameters, the coiled cables and wires must not touch the ground.

Cables/wires must be wound so that individual windings lie next to each other as near as possible.

Cable/wire must not touch the floor when rolling.



3.5.3 Winding length per drum/spool based on the cable/wire diameter

<u>Nominal diameter</u>	<u>Min. number of meters on the drum/spool</u>	<u>Min. length of a partial length</u>
0 - 5,59 mm	500 m	300 m
5,6 - 8,09 mm	200 m	100 m
8,1 - 9,59 mm	150 m	50 m
9,6 - 12,00 mm	100 m	50 m

For each delivery per type, a maximum of one spool per 5,000 m may be less than this number of meters (or according to the specified delivery lot sizes).

The maximum utilization of the drum/reel capacity should always be guaranteed.

If agreements regarding shortfalls have been made between the supplier and **binder**, these must be noted as a note on the delivery note with the date and contact person.

A maximum of 2 partial lengths are accepted per drum/reel, which must be clearly marked at the connection (e.g. adhesive tape or other visual feature).*

The connection must not significantly exceed the jacket diameter.

Partial lengths must be documented on the label.

3.6 Empties management / return of empties

- Empty spools are dismantled and collected at **binder**.
- Once an agreed quantity has been reached, the contact person at binder will contact the supplier and arrange a pickup date.
- When collecting the goods, **binder** accepts the same number of means of transport (mesh boxes, pallets, etc.). If this regulation can not be followed, the supplier must consult with the contact person at **binder**.
- If the means of transport cannot be exchanged immediately, the supplier must arrange an appointment with his freight forwarder by which time the means of transport will be delivered to **binder**. If there are problems with the carrier, the supplier is the contact person. The supplier must discuss the problems with his freight forwarder and forward the solution to the empties management at **binder**.
- The transport costs are to be borne by the supplier.

The empties management at **binder** can be contacted via email address Leergut@binder-connector.de .

3.7 Transportation

See logistics guidelines (Werksnorm 05-9204-000)

4 Applicable documents

Documents-No.	Document name	remarks
05-9204-000	Logistikrichtlinien für Lieferanten	

5 Special terms, abbreviations, definitions, notes

Special terms, abbreviations, definitions: see QM glossary [FB030001C1](#)

6 Change overview

Notice:

The most recent change is marked as blue text in the document.

Deletions are listed in the change overview.

Revision	Description	Edited by	Date
50	Adaptation layout, complete revision	R. Spranger	27.11.2023

Logistics Contact

- **General Logistics inquiries**

Phone: +49 (0) 7132 / 325 305

E-Mail: Logistik@binder-connector.de

- **Empties management**

Phone: +49 (0) 7132 / 325 265

E-Mail: Leergut@binder-connector.de

Franz Binder GmbH & Co. Elektrische Bauelemente KG

Rötelsstraße 27, 74172 Neckarsulm

Phone: +49 7132 325 -0, Fax +49 7132 325-150

info@binder-connector.de, www.binder-connector.de