



## CONNECTING PAPER TO TECHNOLOGY

Solutions for  
**RUNNABILITY & COST EFFICIENT PAPER PRODUCTION**



## ABOUT US

SKB-Tech Trade operates as a global trade agency for technical equipment and industrial requirements. We are a strong partner of the paper industry and offer our customers technologically valuable products as well as best service. From our office in Vienna, Austria we serve our customers worldwide.

Our core competency lies in the global sale of products in need of explanation. Due to the simple but powerful structures, our trade agency works with leading manufacturers to specifically address the requirements of dynamic markets and serve them effectively.

Solutions for

**RUNNABILITY & COST EFFICIENT PAPER PRODUCTION**

**STOCK PREPARATION & RAW MATERIAL TESTING**

**PAPER MANUFACTURING, TRADING & PRINTING**

**MAINTENANCE & INSTALLATION OF INDUSTRIAL MACHINERY**



Your contact person:

Mr. Stefan Kurzböck  
Email: [stefan@skb-techtrade.com](mailto:stefan@skb-techtrade.com)  
Mobile: 0043 664 32 33 719



## CHEMICALS

1	Dry strength agent SN-220	Increase the strength of paper	Newsprint, Insulation paper Kraft liner paper
2	PPE Wet strength agent SN-200	Improve the paper wet strength and dry strength, effectively reduce the paper off powder phenomenon.	Tissue Special papers
3	Retention Aid SN-270	Improve the retention of fiber and filler	Paper board, Kraft paper Writing & printing papers
4	Flocculanting agent SN-280	Improve the retention of fiber and filler	Paper board, Kraft paper Writing & printing papers
5	Defoamer ( polyether) SN-360	Reduce the air content in the system, prevent the formation of foam.	Paper board, Kraft paper Writing & printing papers
6	Defoamer ( Alcohols ) SN-370	Reduce the air content in the system, prevent the formation of foam.	Paper board, Kraft paper Writing & printing papers
7	Release Agent SN-300	Eliminate paper of the glue cylinder to eliminate paper Dryers	Paper board Kraft paper Writing & printing papers Tissue, Newsprint
8	Pitch Control Agent SN-520	Remove obstacles resin and viscous material	Paper board Kraft paper Writing & printing papers Tissue, Newsprint
9	Carboxylic styrene butadiene latex SN-800	Improve the paper surface gloss, after printing gloss, smoothness, and ink absorbency, improve printing adaptability, prevent spread of ink	White board paper, Coated paper Special paper
10	Forming Wire Agent SN-560	Keep the forming wire clean prolong the service life of the forming wire	Maintenance
11	Felt Cleaning Agent SN-580	Keep the felt clean, prolong the service life of the forming wire	Maintenance

# MEASUREMENTS & OBSERVATIONS

## Moisture transmitter

**Humidity transmitter for applications in laboratory and climate control, drying technology, wood processing industry, printing and paper industry.**

### **Relative equilibrium moisture content and absolute material moisture**

The relative equilibrium moisture content of a material indicates the relative moisture of ambient air equilibrating the material. At that moisture level the material does not absorb or release any moisture.

The absolute material moisture indicates the percentage of water content of a material referred to its total weight (measurement of paper, grain, ...) resp. referred to its dry mass (measurement of wood, ...).

Almost every material in our surroundings is hygroscopic. This means that the material soaks up moisture from the surroundings or sets it free.

To avoid very costly mistakes due to incorrect moisture levels it is necessary to check the moisture of a material in the manufacturing and treatment process in order to be able to take suitable measures in time.

### **Applications for Pulp & Paper:**

- Stock preparation
- Paper machine
- Steam boilers



LF-TD 60	digital humidity and temperature transmitter temperature range -20 to +60°C plastic tube 12 mm diameter, 100 mm length
LF-TD 90	digital humidity and temperature transmitter temperature range -20 to +90°C stainless steel tube 12 mm diameter, 125 mm length
LF-TD 120	digital humidity and temperature transmitter temperature range -20 to +120°C stainless steel tube 12 mm diameter, 500 mm length
LF-TD 150	digital humidity and temperature transmitter temperature range -20 to +150°C stainless steel tube 12 mm diameter, 750 mm length
LF-TD 180	digital humidity and temperature transmitter temperature range -20 to +180°C sensor head, 1 meter cable
LF-TD-E	digital humidity and temperature transmitter with Ethernet interface temperature range -20 to +60°C plastic tube 12 mm diameter, 100 mm length
LF-TD-U	digital humidity and temperature transmitter with USB interface temperature range -20 to +60°C plastic tube 12 mm diameter, 100 mm length
LF-TD-ER	digital humidity and temperature transmitter with Ethernet interface temperature range -20 to +90°C stainless steel tube 12 mm diameter, 400 mm length

## Online moisture measurements

The measuring system PMCS allows an online moisture measurement of paper and paperboard. A measuring slide with the mounted measuring sensors moves on a carrier section across the paper web. It is possible to react on customers request, if there are different sensors to ascertain different measuring sizes (absolute paper moisture, relative humidity, paper temperature...) needed.

A PLC with colored touchscreen calculates the measured data, controls the measuring slide and shows that on a display. The PLC has several interfaces, these interfaces allow a connection to another PC or other machines.

A specially programmed software visualize the measured data in a 2D and/or 3D profile. The PC Software is easy in use and saves the measured data automatically in a database. After that the measured data could be analyzed.

### Paper Machine applications:

- 2D humidity measurement (fixed position)
- 3D humidity measurement (travelling sensor)
- Universal Interface to control dryer's steam valve or other machinery parameters



### Absolute moisture measurement:

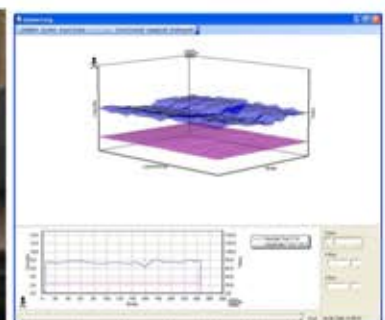
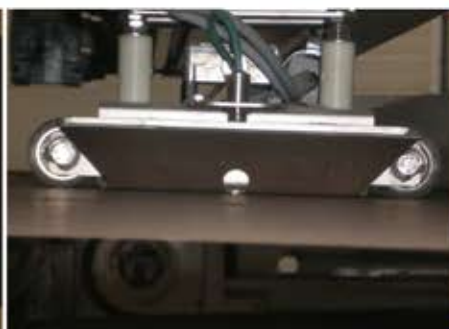
- Measurement range: 3 to 20% moisture
- Measurement system: dielectric
- Grammage range: 80 to 1200 g/m<sup>2</sup> (lower/higher on inquiry)
- Paper temperature: 10 to 45°C (higher on inquiry) or 50 to 113 °F (higher on inquiry)
- Ambient temperature: 10 to 45°C (higher on inquiry) or 50 to 113 °F (higher on inquiry)

### Relative moisture measurement:

- Measurement range: 0 to 100% r.h.
- Ambient temperature: 10 to 45°C (higher on inquiry) or 50 to 113 °F (higher on inquiry)

### Paper temperature measurement

- Measurement range: 0 to 200°C or 32 to 392°F
- Measurement system: infrared (non-contact)
- Ambient temperature: 10 to 45 °C (higher on inquiry) or 50 to 113 °F (higher on inquiry)



# SPARES & COMMODITIES

## Paper Carrier Rope



Master Paper Carrier Ropes is an established brand and manufacturer of ropes for paper machines in Asia. Our paper carrier ropes are based on European technology and produced exclusively with selected and tested raw materials.

We are proud of more than 40 years of experience in the paper supplier industry and guarantee the best value for money for your paper machine.

Master-Asia's #1 Hi-Tech **Paper Carrier Rope**

<b>DURA Line Single</b> Type: Rope without core	<b>DURA Line Double</b> Type: Double rope with core
	
Your benefits: <ul style="list-style-type: none"> <li>• Abrasion resistance</li> <li>• Low elongation</li> <li>• Easy splicing</li> </ul>	Your benefits: <ul style="list-style-type: none"> <li>• Chemical resistance</li> <li>• Heat resistance</li> <li>• High durability for long lifetime</li> </ul>
Especially recommended for <b>writing and printing paper, tissue paper, kraft paper</b>	Especially recommended for <b>cardboard &amp; packaging paper, kraft paper, recycling</b>

### Technical data:

Size		8,5	10	10,5	11	12	13	15	17
Length of the coil	m	600	600	600	500	400	400	200	200
Standard colours		red, yellow and blue							

### Packing

Pallet:	Small	Large
	12 boxes per pallet 20x80x125 cm	18 boxes per pallet 120x120x125 cm
Weight of a box	20 – 50 kg / 44 to 110 lbs	





# TURN-UP TAPES

Turn-Up Tapes are a simple but very effective solution of changing the jumbo reels in paper production. Our tapes are suitable for a wide range of paper grades, widths and machine speeds. Selected raw materials guarantee the highest quality of our tapes. Our Turn-Up Tapes are supplied to paper industry since more than 20 years.



## Your advantages:

- Quick changing of jumbo reels
- Reduction of unnecessary waste

	KI-100 Standard	KI-101 Heavy Duty
<b>Width</b>	18,8 mm +/- 0,5 mm	18,8 mm +/- 0,5 mm
<b>Thickness</b>	1,10 mm	1,35 mm
<b>Breaking strength</b>	1.100 N - white 1.300 N - brown	1.400 N white 1.600 N - brown
<b>Elongation</b>	7 %	7 %
<b>No. of threads</b>	16	13



	KI-100 Standard	KI-101 Heavy Duty
<b>Length per spool</b>	620 m	500 m
<b>Diameter of reel</b>		400 mm
<b>Diameter of core</b>		160 mm
<b>Height of reel</b>		145 mm

## Packing solutions

PE-film for hot shrinkage applications  
0,75 mm





[www.skb-techtrade.com](http://www.skb-techtrade.com)

find us: 