

LINQSHEET™ WS100 Mold Wax

Wax protection and release sheet



+ COMPATIBLE WITH WIDE RANGE OF MOLD DESIGNS

+ DISTRIBUTES EVENLY ON MOLD SURFACE

+ SUPERIOR MOLD PROTECTION



PRODUCT DESCRIPTION

Rubber based waxing sheet for conditioning and protecting molds.



PRODUCT APPLICATION

Used for recovering the releasing ability of molds and mold protection in compression and transfer molding processes using thermoplastics and thermosets



PRODUCT FEATURES

Thorough conditioning ensures high productivity. Superior mold protection of all Linqsheet wax conditioning sheets.



PRODUCT DESCRIPTION

The **LINQSHEET WS series** are waxing sheets, used to protect the mold surface and ensure a good releasing effect after cleaning. **LINQSHEET WS100** is a waxing sheet that provides excellent mold protection. WS100 performs well in a wide range of molds being able to withstand a torque of 5 lb-in to 35 lb-in and has a curing time of only 5 minutes. Of the WS-series WS100 offers the best protection, while still offering great workability.



LINQSHEET WS100

As a protection and release product, the **LINQSHEET WS waxing sheets** sheets are highly effective. LINQSHEET WS series wax protection and release sheets have good flow characteristics which enable them to reach into the mold corners and thin gate areas easily.

When using **LINQSHEET WS series wax protection and release sheets** you will need no dummy lead frame or preheating. The short molg waxing time and short cleaning time when used in combination with LINQSHEET RCS rubber cleaning sheets will lead to improved production time results and will increase the productivity of your production line. The wax protection and release sheets come in one size that will fit a variety of molds, so you can use one waxing product for all your molds.

All **LINQSHEET WS wax protection and release sheets** have low fume times and only release relatively weak odors. Depending on your production priorities you can choose your best suited LINQSHEET WS series product. There is WS100 with the highest mold protection performance, WS200 with strong workability and the least candle odor and WS300 which provides a carcinogen free alternative

PRODUCT APPLICATION



LINQSHEET WS wax protection and release sheets protect mold surfaces and ensure an excellent releasing effect after cleaning the mold with LINQSHEET RCS sheets. Wax protection and release sheets provide optimal protection of molds used in the semiconductor industry for products such as integrated circuits, diodes, transistors, and LEDs in both physical and chemical mechanisms.

► Applications

- Compatible with wide range of mold cavity designs
- Molds in semiconductor manufacturing
- Molds in EMC product lines



Used for cleaning EMC molds



PRODUCT FEATURES

PRODUCT PROPERTIES	UNIT	VALUE
Color	-	Grey
Specific Gravity	g/cm ³	1.2
Minimal Torque @ 175°C	lbf-in N*m	5 0.56
Maximal Torque @ 175°C	lbf-in N*m	35 3.95
Maximal curing time	sec	300
Fume time	sec	20-30
Odor	-	Light Candle
Solubility	-	Not soluble in water

▶ PRODUCT FEATURES & BENEFITS:

- Offers **best protection of the Lingsheet WS series**
- Can withstand **torques between 5 lb-in to 35 lb-in**
- Curing time of **max. 5 minutes**
- Fume time of **only 20-30 seconds**

▶ PRODUCT NOMENCLATURE

WS: Waxing Sheet

100: Superior Mold Protection

STORAGE AND HANDLING

LINQSHEET WS wax conditioning sheets are packed individually in a PE bag and supplied in 10 kg (netto) carton boxes. They should be kept in a cool place (5°C or lower). The shelf life of the LINQSHEET WS products is 12 months when kept at 5°C or lower, once removed from the cool storage area the rubber cleaning sheets have a shelf life of 4 days at room temperature.

When applying LINQSHEET WS wax conditioning sheets we recommend to use it in a well ventilated space and system. Be careful not to make skin contact directly with the cured rubber sheets when they are still hot.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

DATA RANGES

The data contained herein may be reported as a typical value and/or range values based on actual test data and are verified on a periodic basis.

The above figures are typical material properties only and are not to be used for product specification purposes. To generate a specification for this product, please contact our Quality Manager and request a copy of the current stock specification. The information and recommendations supplied in this document are believed to be accurate but no guarantee of their accuracy is made; they are for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitations any warranty of merchantability and fitness for use. It is recommended that purchasers before using this product conduct their own tests to determine whether the product is suitable for their particular purposes under their own operating conditions.



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