

Ri-Lam Floor Talker M100

PRODUCT DESCRIPTION / BENEFITS Ri-Lam Floor Talker M100 series is a self-adhesive lamination film used to protect digitally printed floor graphic images.

The transparent monomeric calendered vinyl face film is structured to provide anti-slip properties and is classified R9 according to DIN 51130:2014.

The permanent water-based adhesive adheres on Ri-Jet M100 media printed with solvent, eco-solvent and latex inks, but is not suitable for UV print (silvering).

All products are REACH & RoHS compliant.

TYPICAL USE

- Short term indoor floor graphic
- Provide anti-slip properties, classified R9
- Protect printed media from abrasion and retard colour fading
- Provide homogeneous matt or gloss finishes

CONSTRUCTION

- **Face film:** 100 µm structured monomeric calendered vinyl
- **Adhesive:** permanent clear water-based acrylic
- **Release liner:** glassine 62 g/m²

Products:

Clear finish: code 04741 - **Ri-Lam Floor Talker M100 Perm - R9 N**

CONVERTING METHOD

Compatible with solvent, eco-solvent and latex inks.

To be laminated with a laminator.

APPLICATION METHOD / INSTRUCTIONS FOR USE

The printed media to laminate should dry minimum 24h prior to lamination.

Laminate without tension on the printed media.

EXPECTED DURABILITY

The expected indoor durability is 6 months.

This information is based on real file experience and artificial aging according to ISO 4892-2.

Note: Exposure to severe temperature and ultra-violet light will cause a quicker deterioration. This applies also to polluted area, high altitude, horizontal applications, and south-facing exposure.

SHELF LIFE

Shelf life is 2 years, when stored at 23 °C and 50 % relative humidity conditions.

Higher temperatures and/or humidity levels will reduce product shelf life.

Ri-Lam Floor Talker M100

50 PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Face thickness, without adhesive	100 µm	ISO 534-80
Face thickness, with adhesive	120 µm	ISO 534-80
Tensile strength (machine direction)	> 35 N/cm	ISO 527
Elongation at break (machine direction)	>100%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)	0.5 mm	FTM 14
Initial adhesion on glass (20 minutes)	10 N/25mm	FTM 1
Adhesion on glass (24 hours)	13 N/25mm	FTM 1
Final adhesion on glass (1 week)	15 N/25mm	FTM 1
Anti-slip classification	R9	DIN 51130:2014
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
Glassine liner	62 g/m ²	ISO 536

QUALITY CERTIFICATION



DISCLAIMER

Information on physico-chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All technical data are subject to change. All Fedrigoni products are sold subject to terms and conditions of sale. For more information, contact your Fedrigoni sales representative. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.