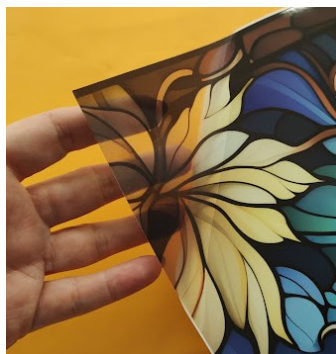


Naklejka z bezbarwnej folii samoprzylepnej z kolorowym nadrukiem - Typ7



Producent:

Pracownia Dekoracji AKATJA Katarzyna Kwiel
26-200 Końskie ul. Różana 35 email: akatja@akatja.pl

Zamierzone zastosowanie:

Naklejka drukowana na bezbarwnej folii samoprzylepnej, przeznaczona do naklejania na płaskie, gładkie powierzchnie typu szyby, płyty meblowe, ściany, blachę, plastik, glazurę. Przy naklejaniu na powierzchnie niestabilne (np. tkanina, dywan) naklejka nie ma pełnej przyczepności, może zostać dość łatwo naderwana mechanicznie.

Instrukcja montażu:

Odkleić naklejkę od papieru podkładowego, nanieść na żądane czyste podłoże, przyglądając miękką szmatką lub filcem. Szczegółowa instrukcja dostępna jest na naszej stronie: <https://akatja.pl/content/14-jak-nakleic-naklejke-kolorowa>

Instrukcja używania i konserwacji:

Naklejkę można myć, wycierać miękką wilgotną szmatką z łagodnymi środkami myjącymi. Nie używać substancji żrących, wybielaczy, rozpuszczalników. W przypadku odklejenia się fragmentu naklejki – jak najszybciej dokleić go za pomocą uniwersalnego kleju polimerowego lub odciąć, usunąć z powierzchni podłoża.

Instrukcja utylizacji:

Papier podkładowy pozostały po montażu, jak również naklejkę po okresie użytkowania i odklejeniu od podłoża - wyrzucać do pojemnika na segregowane tworzywa sztuczne.

Ostrzeżenia:

Nie należy zaklejać ust, nosa ani powierzchni ciała z włosami naklejką. Po naklejeniu na powierzchnię, na którą produkt jest przeznaczony i prawidłowym użytkowaniu, producent na podstawie wieloletnich obserwacji własnych i Klientów stwierdza, że produkt jest bezpieczny w przypadku stosowania w dających się racjonalnie przewidzieć warunkach.

Dokumentacja techniczna:

Naklejka została wyprodukowana przy użyciu poniższych materiałów:

- folia samoprzylepna bezbarwna - Ri-Jet M100 Perm
- atrament – Mutoh UMS

Proces produkcyjny w żadnym stopniu nie zmienia właściwości, bezpieczeństwa powyższych materiałów. Producenci i dystrybutorzy powyższych materiałów deklarują, że są one bezpieczne i nadają się do zastosowania w niniejszym produkcie.

Na kolejnych stronach znajduje się dokumentacja techniczna udostępniona przez producentów w/w materiałów.

CERTIFICATE OF COMPLIANCE



MUTOH INDUSTRIES
LTD
UMS21

311321-420

Certificate Number

16 Oct 2023 - 16 Nov 2024

Certificate Period

Certified

Status

UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Wall finishes are determined compliant. In accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of 0.82 hr⁻¹ and a loading of 94.60 m²; and Wall finishes are determined compliant. In accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of 0.68 hr⁻¹ and a loading of 33.40 m².

Product tested in accordance with UL 2811 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



UL investigated representative samples of the Identified Product(s) to the Identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the Identified Product(s) manufactured at the production site(s) covered by the UL Test Report. In accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC ^(A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m ³
Total Aldehydes ^(B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
Particle Matter less than 10 µm ^(C)	-	20	µg/m ³
1-Methyl-2-pyrrolidinone ^(D)	872-50-4	160	µg/m ³
Individual VOCs ^(E)	-	1/2 CREL or 1/100th TLV	-

(A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₀ range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m³) fall in the range of 0.5 mg/m³ or less, as specified in CDPH Standard Method v1.2.

(B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.

(C) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.

(D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day

(E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

Ri-Jet M100 Perm

PRODUCT DESCRIPTION / BENEFITS

Ri-Jet M100 Perm series is a self-adhesive film for Large Format Digital printing, especially designed for application on flat surfaces.

The monomeric vinyl, UV stabilised, has an external colour stability up to 3 years, specially developed to be printed with solvent, eco-solvent, latex, and UV inkjet printing presses.

The 100 µm film thickness grants good ink absorption without making the face film too soft, which allows easier application. The permanent adhesive provides a good adhesion on a wide range of substrates. The 135 g/m² liner or the 140g/m² micro-embossed PE coated kraft paper ensures good planarity and printing results.

All our products are REACH & RoHS compliant.

TYPICAL USE

- Short term outdoor advertising: trains, bus, billboards
- Short term indoor advertising: shops and malls, airport terminals, ...
- Temporary point of sale advertising.

CONSTRUCTION

- **Face film:** 100 µm calendered monomeric film
- **Adhesive:** permanent clear water-based acrylic
- **Release liner:** clay coated kraft paper 135 g/m²
Airflow liner: micro-embossed PE coated kraft paper 140 g/m²

Products:

White Gloss finish: Code 05049 - **Ri-Jet M100 White Gloss Perm**
Clear Gloss: 06328 - **Ri-Jet M100 Clear Gloss Perm N**
White Matt: 04503 - **Ri-Jet M100 White Matt Perm**
White Gloss High Opacity: 09703 - **Ri-Jet M100 White Gloss HOP Perm Airflow**

CONVERTING METHOD

Specially developed to be printed with solvent, eco-solvent, latex, and UV inkjet printing presses. To achieve the best possible print quality, make sure that the correct ICC profiles or printer settings are used. The printed media should dry minimum 24h prior to lamination.

We suggest a lamination with Ri-Lam M70 Clear Gloss, Matt or Satin to protect the printed image from UV fading and mechanical abrasion.

APPLICATION METHOD / INSTRUCTIONS FOR USE

Dry and wet application method on clean and degreased substrates for the product with kraft liner, while only the dry application method will be used with the Airflow liner.

Application temperature above 10°C.

EXPECTED DURABILITY

The expected vertical outdoor durability in Central Europe (zone 1) is 3 years.

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 in north hemisphere.

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.
NB: Printing results start to deteriorate after 12 months storage.

Ri-Jet M100 Perm

**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)	> 25 N/cm	ISO 527
Elongation at break (machine direction)	>150%	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)	8 N/25mm	FTM 1
Adhesion on glass (24 hours)	10 N/25mm	FTM 1
Final adhesion on glass (1 week)	12 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
One side siliconized clay coated paper liner	135 g/m ²	ISO 536
Airflow liner: micro-embossed PE coated kraft paper	140 g/m ²	

**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.