

PRODUCT DESCRIPTION:

Mediatech MF R9 is a 120 mic, monomeric, transparent overlaminating PVC film with non-skid texture. Mediatech MF R9 floor can be used as a general laminate with matt effect, intensifying the colour range of an image and significantly extending its durability. Mediatech MF R9 reduces colour fading and effectively retards printout deterioration.

PRODUCT STRUCTURE:

Film: 120 mic, transparent, matt, monomeric PVC Adhesive:
 permanent, transparent, water-based dispersion of polyacrylate
 Liner: one-side siliconized, clay coated paper, 121 gsm

RANGE OF APPLICATION:

Mediatech MF R9 protects images from mechanical damage and moisture. It is perfect for any kind of indoor floor applications.

PHYSICAL FEATURES:

| | STANDARD NO. | VALUE |
|---------------------------------------|---|----------------------------|
| Thickness | | |
| Thickness of PVC | ISO 2286-3 | 120 mic (±5%) |
| Total thickness (film+adhesive+liner) | ISO 2286-3 | 260 mic (±5%) |
| Tensile stress at break | | |
| Along | ISO 527-3/2/200 | min. 18 MPa |
| Across | ISO 527-3/2/200 | min. 18 MPa |
| Tensile strain at break | | |
| Along | ISO 527-3/2/200 | 120% |
| Across | ISO 527-3/2/200 | 140% |
| Adhesive Power | | |
| Initial | FINAT 9 | 8.8 N/25 mm |
| After 20 min | FINAT 1 | 13.3 N/25 mm |
| After 24 h | FINAT 1 | 19.8 N/25 mm |
| Temperature range | | |
| While applying | - | from 5°C to 30°C |
| While exploiting | - | from -10°C to 40°C |
| Flammability | Adhered to aluminium, glass or steel – self-extinguishing* | |
| Durability | 90° vertical exposure | indoor 2 years (unprinted) |
| Shelf Life | 2 years (in original packaging, at 20 °C and 50% relative humidity) | |

* Producer's internal test method

DURABILITY

The data concerns vertical surface exposure of an unprinted/unprocessed film. The outdoor durability relates to the temperate climate of Middle Europe. If the film is exposed to extreme weather conditions, such as austere insolation, high UV radiation or humidity it may undergo accelerated deterioration. PVC film may also weaken in greatly contaminated areas and regions of high altitude.

HANDLING & PROCESSING

Recommended storage conditions: 50% of relative humidity, 20 oC, in original packaging.

The customer should always store rolls together with label which consist information about type of product, dimensions of roll and batch number. Any claims or requests will not be accepted without information about batch number. During storage shrinking of the edges of monomeric PVC film could be noticed.

To obtain good print quality/good processing results we recommend acclimatise rolls in printing/processing room a min. 24 hour before printing/processing. Large fluctuations in temperature and humidity between the room and the material have an impact on flatness and printability of material.

If printed, the ink must be perfectly dry before further processing e.g laminating or application. Features of products could be changed by the residuals solvents. The surface on which product is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion.

Due to wide range of possible uses and applications customers should independently verify the appropriateness of material for their explicit purpose, prior to use. We strongly recommend customers conduct own tests before each application.

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