

Series 447-18 & Series 447-18/1

Print-and-Peel, water-based
easySWITCH, for Membrane Switches

Series 447-18 and 447-18/1 are part of a special varnish system that can be removed without leaving any residue. They are used for the full-surface or partial protective covering of plasticiser-free plastics, metals and other hard materials such as glass, duroplasts and ceramics. The field of application is the temporary protection of surfaces that are sensitive to scratches or dirt. This includes removable covers for viewing windows on front foils and keyboards, partial decorative protection on metals and glasses and much more.

The Print-and-Peel of Series 447 is available in two versions:

Series 447-18, red (with filler)

High-quality print-and-peel for use as a sandblasting mask

Series 447-18/1, red (without filler)

Print-and-Peel for use as temporary protection

Please note:

So far, no interactions with plasticisers from plastic substrates with resulting deterioration of the removability of the protective coating are known but cannot be ruled out.

Care must be taken that the ink film printed with Print-and-Peel is not exposed to too high temperatures (from approx. 150°C and above). Possible clouding or residues may occur during treatments or further processing steps with high temperatures. Pre-tests are recommended.

Specifications

Thinner	Press-ready (water if required)
Addition ratio	If required up to 10 % In some cases, these systems are applied by dipping, spraying or rolling and brushing, for which a viscosity reduction with approx. 30 % by weight tap water is necessary.
Wetting	Series 400-BMS
Addition ratio	1–3 % by weight
Mesh	27.120 to 43.80
Drying	Air / Jet up to max. 80 °C
Substrates	Rigid PVC, PET, PMMA, PS, Can- / Coil Coatings, powder coatings, glass, ceramics
Further processing	-
Overprintability	-
Available quantities	1 kg / 5 kg / 20 kg
Shelf life	12 months
Others	Stir well before use. Store at 10–30 °C, protect from frost. Attention should be paid to the use of waterproof screen coatings.

Important information: Our technical advice whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, such claims shall be limited to the value of the goods delivered by us and utilized by you with respect to any and all damages not caused intentionally or by gross negligence (T30 / 07/2021).