



PALIGHT® Re-NU

Flat Foamed - Made of Recycled PVC, Fully Recyclable.



The Time
To **Reuse**
Is Now

Overview

PALIGHT® RE-NU is a multi-layered coextruded, PVC sheet for printing applications that offers print service providers an eco-friendly print-media with an excellent image quality and colour accuracy.

The sheet consists of two co-extruded layers: An outer solid layer with an extra smooth, uniform hard surface, which provides digital and traditional printers with excellent ink adhesion and extended retention. The main body of the sheet consists of foamed, recycled PVC raw material, and provides the required stability and rigidity.

PALIGHT® Re-NU ink adhesion characteristics make it an excellent choice for P.O.P/P.O.S, exhibition stands and other sign and graphics applications.

Palram has been developing modern manufacturing processes to deliver a sustainable product innovation that reduces its impact on the environment.

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PROPERTIES

High Image Quality

- The smooth and uniform surface of PALIGHT® Re-NU serves as an ideal substrate for print inks, enabling smooth gradations, and homogenous area cover.
- Uniform sheet thickness promotes better ink adhesion, resulting in improved image quality and increased display duration.

Easy to Use

- PALIGHT® Re-NU rigid and lightweight physical properties make it easy to use even for the most creative and unique sign & graphics applications.

Durable & Safe

- PALIGHT® Re-NU is a great solution for indoor advertising applications due to its resistance to chemicals and humidity.
- PALIGHT® Re-NU low water absorption makes it suitable for short term outdoor applications.
- PALIGHT® Re-NU complies with the highest safety requirements.
- PALIGHT® Re-NU meets RoHS & REACH regulations.

APPLICATIONS

PALIGHT Re-NU is especially suitable for digital screen-printing and display panels in trade fairs, shop-fitting, and advertising boards, for interior signs and wall graphics and interior design, which may have special requirements regarding recycled products.

Typical Applications

- Digital and screen printing
- Display panels
- Hoardings and advertising boards
- Interior and exterior signs
- Wall graphics
- Exhibits and kiosks
- POP and retail store displays & signage
- Routed and relief lettering
- Industrial and construction signs
- Fabricated and structural parts

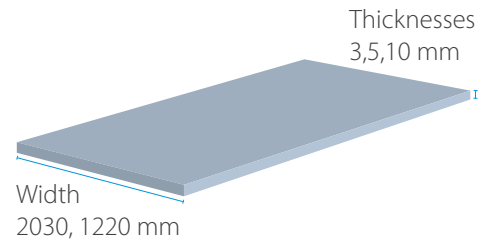
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Physical Properties

Optical	White index: 90
Mechanical (3mm sheet)	Shore hardness: D42
	Impact strength: 29 J/m (D-265)
	Deflection angle MD: 12°C
	Flexural strength: 28 MPa, 1mm/min. (ASTM D-790-03)
	Flexural modulus MD: 700 MPa (ASTM D-790-03)
Temperature	Heat deflection temperature (H.D.T): 58°C (D-648)
	Operation range: 0°C - 50°C VICAT softening temp: 75°C, Load: 1kg (D-15257)
Flammability	EN 13501 2&3mm B,s2-d0 5&10mm B,s3-d0
	Palight® Re-NU complies with the most demanding international fire resistance standards in the field of plastics, as indicated in the detailed table herein. The classification is subject to product type, thickness and color.

Standard sizes

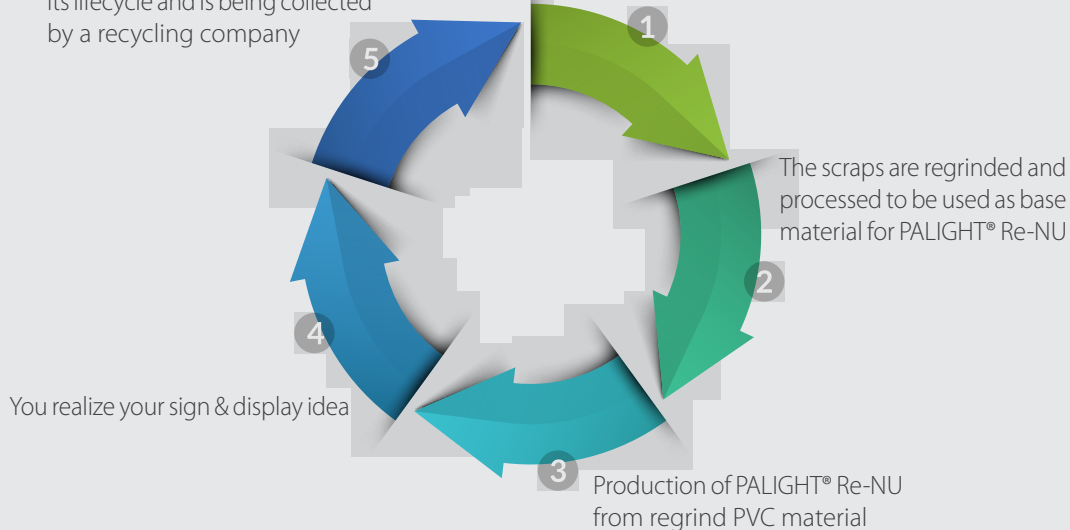


Re-Thinking PVC:

Smart product designers know how to use recycled materials to their advantage

Your product reaches the end of its lifecycle and is being collected by a recycling company

PVC scraps collected from products at the end of their lifecycle such as cut-offs collected from our customers, reprocessed scraps from our production lines, and scraps collected from external suppliers.



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