

*The synthetic paper  
that reduces your  
environmental impact*



**Polyart.**<sup>®</sup>  
— the synthetic paper —

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*Arjobex takes the challenges of sustainability to heart and places its development within the principles of the circular economy.*

Arjobex is introducing a new range of Polyart synthetic papers based on recycled HDPE polymer to reduce its carbon footprint and help our customers reach their sustainability goals.

30% is the first step towards more eco-responsible manufacturing.

30%

that matters:

**r-Polyart contains 30% of Post-Consumer Recycled HDPE**

- Consistent and reliable sourcing of high-quality recycled HDPE with lower carbon footprint than virgin polymers
- Compliant to EU 2030 packaging target of minimum 30% recycled content
- Contributes to circular economy and reduction in landfill and ocean waste
- **r-Polyart** looks and feels like Polyart Standard
- Proprietary manufacturing process limits impact of gel contamination from recycled polymers on the aspect, smoothness & film printability
- As a recycled material—not guaranteed to be food contact compliant
- **r-Polyart** with 30% PCR can be recycled... again!



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- Mechanical properties are very comparable to Polyart Standard
- Water and tear resistant
- Resistant to a wide range of chemicals
- Excellent printing and ink drying by conventional printing technologies
- Excellent thermal transfer printing with a wide range of ribbons
- Good stiffness for conversion and automatic label dispensing
- Good opacity for two sided printing
- Die-cuts extremely well; no static issue
- High dimensional stability

# Features & Benefits

## r-Polyart product range

Currently **r-Polyart** is available with 2 finishes:

**80 g/m²** coated one side.

**90 g/m²** coated two sides.

PROPERTIES	UNITS	METHODS		r-Polyart C15 80	r-Polyart C25 90
Thickness	µm	ISO 534	-	101	109
Weight	g/m²	ISO 536	-	80	90
Density	g/cm³	ISO 534	-	0.8	0.8
Tensile strength	N/mm²	ISO 527-3/4/25	MD	43	42
			CD	38	36
Elongation at break	%	ISO 527-3/4/25	MD	138	137
			CD	130	139
Tear resistance	N/mm	ISO 34-1:2015 method B no initiation	MD	77	72
			CD	100	99
Opacity	%	ISO 2471	-	94	94
Brightness R457 Print side	%	ISO 2470	-	86	86

## Applications

Graphic prints, maps, promotional flyers, cookbooks, table mats, tags & labels...



# **r-Polyart**

the most eco-responsible  
synthetic paper.

Find r-Polyart and the full Polyart range on **[polyart.com](http://polyart.com)**

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