

Rapid-Roll® & Polyart®

The popular synthetic material that prints like paper

On the market for more than 40 years, well-known Polyart® remains the preferred choice for printers seeking a reliable and high quality synthetic paper. A unique extrusion and stretching process creates a biaxial oriented HDPE film – combining the advantages of paper with the durability of plastic.

Polyart® synthetic paper looks, feels, prints and converts like a premium matt-coated paper but stands up to water, outdoor exposure, grease and chemicals. It also resists tearing in both directions. No matter what converting method you choose, Polyart® is ready to work for you. It can be easily scored, folded, perforated, varnished, foil blocked and more, using standard converting equipment.

Applications involving frequent handling, humidity and outdoor use are a good match for Polyart®.

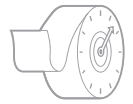
Polyart® is a registered trademark of Arjobex Limited.

KEY FEATURES

- > Excellent water, grease and chemical resistance
- > Superior tensile strength and tear resistance
- > Good resistance to UV light: up to 1.5 years outdoors
- > Retains flexibility at low temperatures down to -40°C
- > Food contact approved materials available
- > Highly conformable for irregular shapes
- > Allows smudge-proof Thermal Transfer printing (absorbent and water-resistant coating)
- > Excellent die cutting/high definition print with Polyart® 2S premium grade

RECOMMENDED USES

- > Menus
- > Manuals
- > Promotional flyers
- > Customized covers
- > Membership cards
- > Invitations
- > Luggage tags
- > Shelf hangers
- > Crate labels



PRODUCT CHARACTERISTICS

Polyart® is a high density polyethylene film. It can easily be scored, folded, perforated, varnished, foil blocked, stitched and more, using standard converting equipment. It is durable, almost completely tear-proof, resistant to most oils and chemicals, and water-resistant.

PRINT RECOMMENDATIONS

- > **Uncoated:** Good printability with flexography, gravure, letterpress, screen, offset and thermal transfer printing techniques. Excellent converting properties eg. guillotining, slitting, die cutting, drilling/hole punching. Note that Polyart® HS requires plastic ink systems as it has a non-absorbent surface.
- > **2S Coated:** The absorbent top coating provides a “paper like” surface for conventional printing methods, such as flexo, rotary screen, rotary letterpress and gravure. Prints on variable printing processes, such as dot matrix, industrial ink jet, cold laser and thermal transfer are also possible.

Code	Description	Basis weight g/m ²	Caliper	Application
Polyart® HS - Uncoated				
AD194	POLYART HS 130	130g	145µ	Slaughterhouse tags, banderoles, horticultural loop-around tags, logistics tags, ski passes.
AE244	POLYART HS 150	150g	160µ	
AK099*	POLYART HS 175	175g	190µ	
Polyart® 2S - 2 sided coated				
AB564*	POLYART 2S-75	75g	95µ	Commercial printing, maps or brochures, hand-writable tags with ballpoint pen, luggage tags, colour coding loop tags, netting tags, price tags, cut and stack labels, inserts in food packs, wristbands, outdoor ID tags, garment tags.
AG326	POLYART 2S-90	90g	110µ	
AG327	POLYART 2S-140	140g	175µ	
AG316	POLYART 2S-170	170g	215µ	
AG328	POLYART 2S-200	200g	250µ	

* Lead times on these products can be up to 4 weeks due to their special features.

SERVICE

All materials have minimum order quantities starting from 1000m², shipped within 2 business days after placing an order.

If you are interested in other Polyart® grades, including products suitable for water-based inkjet or HP Indigo, please contact your regular Avery Dennison Sales Representative or send an email to rapidroll@averydennison.com

Visit our website to find out more about the Rapid-Roll® portfolio.
label.averydennison.eu/rapidroll



DISCLAIMER - All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

©2017 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.