

Why Avery Dennison Rapid-Roll®

The majority of today's purchase decisions are made at the store shelf, which means labeling and packaging are increasingly important. Rapid-Roll® helps products stand out on the shelf through differentiated, non-pressure-sensitive solutions. Many offerings are available through our EXACT and Ready Width service programs, with the support of our business development managers and regional technical experts just a phone call away.

Flexible Packaging

Our Rapid-Roll® Flexible Packaging portfolio offers a full array of options for all markets and a variety of applications. They include

- > Easy-to-convert paper-faced pouching materials and newly enhanced film-faced pouching products
- > Snack webs, now featuring liquid fillable
- > Our newly enhanced stickpak portfolio which includes standard and easy to open packaging laminations. This portfolio offers a variety of sealant options including: LDPE, Metallocene and Surlyn.

ADV# 421/16096, 07/2016, 000

©2016 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, product names and codes are trademarks of Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. Personal and company names and other information on samples depicted are fictitious. Any resemblance to actual names and addresses is purely coincidental.

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 products are sold subject to Avery Dennison's general terms and conditions of sale found at label.averydennison.com/en/home/terms-and-conditions.html.



Label and
Packaging Materials

North Asia

5th Floor, Hongye Park
1801 Hongmei Road,
Xuhui District 200233,
Shanghai, China
+86 21 33951888

South Asia Pacific and Sub-Saharan Africa

460 Alexandra Road,
PSA Building
#28-02/03, Singapore 119963
+65 6430 7000

Europe

Willem Einthovenstraat 11
2342 BH Oegstgeest
The Netherlands
+31 85 000 2000

Latin America

Rodovia Vinhedo-
Viracopos, KM 77
CEP 13280-000
Vinhedo - SP, Brazil
+55 19 3876-7600

North America

8080 Norton Pkwy
Mentor, OH 44060
800.944.8511



ChemControl Flexpak Portfolio

“Hard-to-hold” flexible packaging opportunities just became “easy-to-land.”

ChemControl Ultra or Ultra Plus?

Which is Right for Your Application?

Material Tested - HPC	Ultra	Ultra Plus
Facial Cleaning Pads	✓	✓
Cleansing Shampoo	✓	✓
Hair Treatment Conditioner	✓	✓
Leave-in Conditioning Cream	✓	✓
Mineral Oil	✓	✓
Sunscreen SPF50	✓	✓
Retinol Skin Cream		✓
Peptide Renewal Cream		✓
Glycolic Wipes		✓
Topical OTC Pain Relieving Ointment		✓
Iodine		✓
Acetone		✓
Essential Oil Towelettes		✓
Antifungal Foot Cream		✓

Material Tested - Industrial	Ultra	Ultra Plus
Garage Hand Cleaner	✓	✓
Fuel Stabilizer		✓

ChemControl Ultra and Ultra Plus were tested for their ability to withstand exposure to the above hard-to-hold products. Laminated pouches of each material were filled and tested over time for package degradation, leakage and ultimate chemical resistance. All applications require fit for use testing.

Why We Created ChemControl

In 2014, the manufacturer of Barex® resins announced it was stopping production of its widely acclaimed resin used for chemical resistant packaging. It was all the impetus we needed to innovate, and over the past 18 months, we have worked to develop high barrier products with the extreme chemical resistance needed for hard-to-hold packaging.

Recognizing that finding one replacement for Barex could prove difficult, we set out to create an entire portfolio of products. ChemControl Ultra and Ultra Plus are the first two solutions in our new portfolio. Together, these products will be able to hold high chemical content in powder, liquid and gel forms while providing the necessary high barrier protection.



Until now, protecting hard-to-hold contents has been challenging for narrow web converters. Avery Dennison's new ChemControl Flexpak Portfolio changes that. Designed specifically for narrow web applications, ease of process and lower total applied cost, our new ChemControl Flexpak Portfolio offers Barex® equivalent solutions for your growing business opportunities. Consisting of ChemControl Ultra and Ultra Plus sealant films, our new materials will be an industry "go-to" for high barrier and chemical resistance.

Tested and Proven Fit for Use

Both ChemControl Ultra and Ultra Plus have undergone stringent lab testing to verify their ability to contain today's hard-to-hold applications that use more volatile ingredients. These flexible packaging laminations resist permeation, absorption and attack by traditionally aggressive ingredients. They also provide outstanding gas barriers to oxygen, moisture, nitrogen and carbon dioxide. The performance of these new laminations make ChemControl products superior for packaging a wide range of personal care and cosmetics, essential oils, industrial cleaners and automotive additive applications.

About ChemControl Products

ChemControl Ultra is an acrylic-coated, polyester-faced lamination with a unique chemical-resistant sealant. Impervious to volatile ingredients and non-absorbent for chemicals*, Ultra was designed for dry goods, but is equally effective with gels and lotions. ChemControl Ultra is FDA compliant for direct food content.

ChemControl Ultra Plus is an acrylic-coated, polyester-faced lamination built for *extreme* chemical resistance. The structure has been designed to resist chemical reaction and/or absorption while being extremely impervious to volatiles and packet destruction. UltraPlus is also FDA compliant for direct food contact.

Spec#	Facestock	Service
54025	ChemControl Ultra	Stock
54026	ChemControl Ultra Plus	Stock

*Please refer to the test matrix for chemicals tested.

