



SERIES

Strong protection, easy peeling with CONSTAB®
CONPEEL® Compounds

Functionalities:
CONPEEL®

 **CONSTAB GER**

Working together for the future of plastics.










Kafrit Group is a leading producer of Masterbatches and Compounds for the plastics industry and currently employs more than 470 people. In 2021, the Group achieved USD 302 million \$ turnover with an available capacity of more than 120,000 MT. Moreover, the company is active on a global scale and has set up production sites all over the world.

All of this began in 1973 when the company was founded in Israel. Since then, the company has grown primarily via acquisition.

Today, the Kafrit Group incorporates **Kafrit Industries (1993) Ltd. in Israel, CONSTAB Polyolefin Additives GmbH and Delta Kunststoffe AG in Germany, China's Suzhou Constab Engineering Plastics Co. LTD, Polyfil Inc. in the USA, the Canada-based Kafrit NA Ltd. and Addvanze AB in Sweden.** With more than 50 years of experience in the plastics processing industry, the company can draw on high levels of expertise and technical know-how. Kafrit Group places a high value on sustainability and has made it to one of the cornerstones of our corporate strategy.

Our unbridled dedication to environmental, social and financial issues makes us to one of the leading business partners in the plastics industry. Our customers value our passion and appreciate our ecological awareness and social commitment. Moreover, they recognize our world leading services and consider our products as among the best within our industry.

We develop and produce cost-efficient solutions which will enhance the completion of high-quality end products in many areas of the plastics industry, such as packaging films (BOPP, BOPE, CPP, PE), PC sheet, agricultural films and derivatives, biopolymers, flame retardant applications, PEX, pipes, fibers and nonwovens.

-  KAFRIT IL ①
-  CONSTAB GER ②
-  CONSTAB CN ③
-  KAFRIT NA ④
-  POLYFIL USA ⑤
-  ADDVANZE SWE ⑥
-  DELTA KUNSTSTOFFE GER ⑦



● Kafrit Group production sites ● Agencies/Distribution

Our Purpose

Unite talent and technology to drive the future of plastics, together.

This purpose is the driving force of our organization. The reason we do what we do, why we come to work every day. And although our group is made of many different Companies around the world, our purpose unites us.

These three pillars support our purpose

TOGETHER TO THE FUTURE

The world doesn't stand still, and nor do we. We're always looking ahead, searching for new ways to sustainably grow and thrive. To push our technology and keep working on the next generation of solutions to benefit our customers. Working together in perfect synergy to achieve something great, today and tomorrow.

TALENT

Around the world, we have hundreds of talented colleagues and partners. All with unique skills, multidisciplinary knowledge, and deep industry experience. Innovators with brilliant ideas and the drive to see them through. People striving for excellence in everything they do.

TECHNOLOGY

After decades in the plastics industry, we have more than high levels of expertise, a strong focus on customer service, and vast technical knowledge. We also have a burning passion for innovation and transformation. A passion that drives us to seek out new solutions, new machinery, and fresh ways to give our customers just what they need.

Together we have the power to drive the future of plastics – within our community and around the world. And we'll keep doing it, today, tomorrow and always.

But the real magic happens when we work together. There's a spark, an energy. A belief that anything is possible. And that's how we provide the best solutions for our customers.

And with the latest technology in our hands and new innovations within our grasp, there's only one question. How far can we go?



Defining new production goals

Experience the new high performance products

Research that takes us to the top

Throughout our company history, research and development have always been a key area of our expertise. Kafrit employs a staff of more than 470 people that work on innovative products and make use of our vast pool of knowledge that we developed in 50 years of experience in the plastics industry. Our experts optimize and develop additive concentrates, flame retardants, color concentrates, and compounds for various applications.

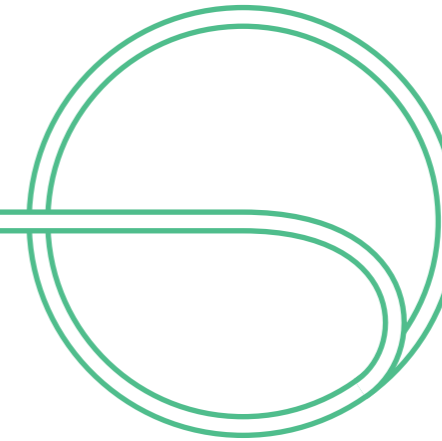
Kafrit enjoys a close partnership with renowned research institutions at the Shenkar University in Israel and at different universities in Germany. Moreover, we maintain a strong co-operation with well-known suppliers including machine manufacturers that do recommend our products for use in combination with their machines.

Peel Compounds

CONSTAB offers a range of peel compounds suitable for producing easy-opening PP-Films for food, medical and pharmaceutical packaging.

- The peelable sealing layer is conventionally 8 – 10 µm thick.
- Due to the pressure of the sealing bar the thickness of the peelable sealing layer is reduced to 2 to 3 µm thickness.
- Uneven sealing rims can result in unsealed areas. To overcome this higher sealing pressure is often necessary. This can result in partially permanent/non-peelable seams.
- The option of using thicker peelable sealing layers typically leads to the formation of angel hair during opening.
- CONPEEL® allows thicker peelable sealing layers of up to 20 µm without the formation of angel hair and providing a constant peel force.
- Can be used with CONSTAB AF 00262 PPR antifog masterbatch.

Code	Description	Peel Force	Thickness peel layer	Dosing %
CONPEEL 304 PP	For transparent film. Suitable for antifog.	3 – 6 N/15 mm	8 – 20 µm	100
CONPEEL 308 PP	For printed and colored films.	4 – 8 N/15 mm	8 – 20 µm	100
CONPEEL 300 PP	For transparent film. Suitable for antifog.	3 – 6 N/15 mm	8 – 20 µm	100
CONPEEL 370 PP	For transparent film. Suitable for antifog.	4 – 8 N/15 mm	8 – 20 µm	100
CONPEEL 321 PP	For printed and colored films.	6 – 14 N/15 mm	8 – 20 µm	100



DEFINED PEEL FORCE

The CONPEEL® range offers stable peel forces of between 4 and 15N/15mm depending on your application.

FLEXIBILITY

CONPEEL® compounds can be processed on cast and blown film equipment. Films can be sealed on PP-Trays and PP-Films by conventional heat sealing or ultrasonic sealing technology.

COHESIVE PEEL

CONPEEL® compounds are designed to provide cohesive peelable seals. CONPEEL is a real 'seal- and peel' solution and gives good hot-tack performance and hermetically proof seals.


RETORTABLE


CONPEEL® compounds show outstanding resistance to hot steam sterilization and can therefore be used for food, medical and pharmaceutical packaging.








Please request for further information:

 **BOPP**
Optimizing BOPP film production
with CONSTAB® Masterbatches and Compounds


 **BOPE**
Sustainable solutions for flexible packaging films
with CONSTAB® CON-X® Masterbatches


 **Functionalities: Ecocell® – Lighten up!**
A revolutionary foaming agent
to reduce material and resin consumption

 **Functionalities: Kafrit Group Antioxidants**
Reliable protection for your plastic products


 **Functionalities: Conpeel**
Strong protection, easy peeling
with CONSTAB CONPEEL® Compounds


 **Polyethylene Packaging, Polypropylene Cast
and Calender Films**


 Rolling to success with Kafrit Group
Masterbatches and Compounds

 **Polycarbonate and PMMA Sheets**
for a transparent view with Kafrit Masterbatches
and Compounds

 **Pipes and Sheets**
Customized solutions with Kafrit Group
Masterbatches and Compounds

 **Injection Molding, Blow Molding**
Injecting new ideas into your products with
Kafrit Group Masterbatches and Compounds

 **Nonwovens**
Adding value to Fibers and Nonwovens
with Kafrit Group Masterbatches

 **Agricultural Film**
Growing success with Kafrit Group
Masterbatches and Compounds



Global supply, local partnership:
We are where you are.

 **KAFRIT IL**

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