

CONSTAB[®]

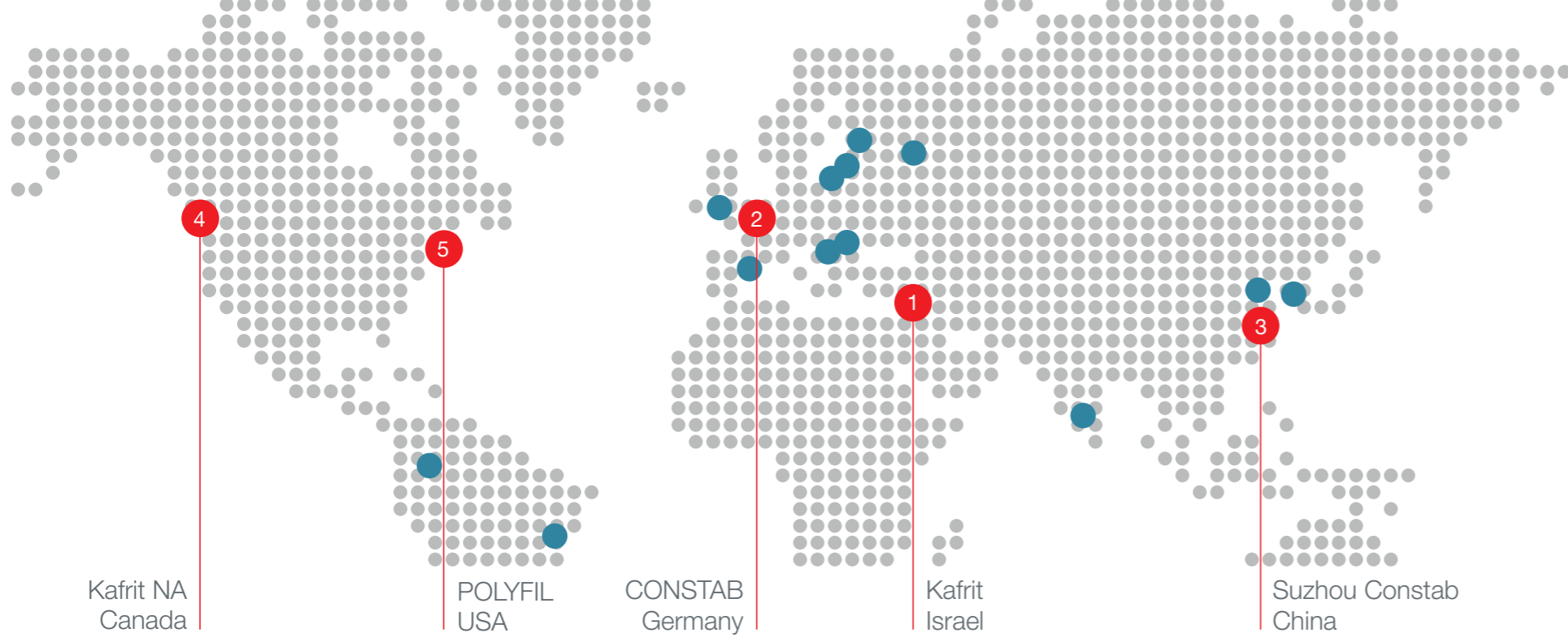
Member of **KafritGroup**

Strong protection, easy peeling

with CONSTAB[®] CONPEEL[®] Compounds



Giving Life to **Plastic**



● Kafrit production sites
● Agencies/Distribution

Defining new production goals: Experience the new high performance products.

Kafrit Group is a leading producer of Masterbatches and Compounds for the plastics industry and currently employs more than 400 people. In 2017, the Group achieved 216 million \$ turnover with an available capacity of more than 82,000 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 in Germany, China's Suzhou Constab Engineering Plastics Co. LTD, Polyfil Inc. in the USA and the Canada-based Kafrit NA Ltd.** With nearly 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. Along with many other products, the Kafrit Group supplies the following Masterbatches and Compounds:

- Acid Scavenger
- Antiblock
- Antidust
- Antifog
- Antiglare
- Antimicrobial Agent
- Antimist
- Antioxidant
- Antislip
- Antistatic
- Barrier MB
- Cavitating Agent
- Color Concentrate
- Ecocell®
- Flame Retardant
- Filler
- Foaming Agent
- IR Absorber
- Light Stabilizer
- Lubricant
- Matting Agent
- Metal Deactivator
- Modifier
- Nucleating Agent
- Optical Brightener
- Paper-like Compound
- Peel Compound
- Processing Aid
- Purge Agent
- Release Agent
- Slip-Antiblock
- Slip-Antistatic
- Slip Agent
- Tracer MB
- UV Absorber
- UV Blocker
- White Masterbatch
- White Cavitated

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 400 people that work on innovative products and make use of our vast pool of knowledge that we developed in nearly 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 cooperation with well-known suppliers including machine manufacturers that do recommend our products for use in combination with their machines.

Our vision:
We aim to be the preferred technological partner of the plastics industry by continually supplying our global customers with innovative and high quality solutions that are fitted to their specific needs.

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.

Defined peel force

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

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.

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.

Retortable

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



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/15mm	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

Angel hair

CONPEEL® compounds can be used as thick skin layers of up to 20 micron thickness for safe and hermetic seals. The formation of angel hair during opening is a common problem with such thick peel layers. With CONPEEL® compounds this effect can be eliminated.

“We like to work with CONSTAB because they are reliable with high competence and very good technical support.”



Our Values:

Technology: We continue to rely on advanced know-how and technologies, securing our future.

Quality: We warrant our products are produced under strict and advanced quality assurance guidelines.

Safety: We ensure our employees always follow safety procedures.

Environment: We are committed to complying with environmental regulations and promoting environmental responsibilities.

Employees: We value the different ideas, experiences and backgrounds of our employees.

Leadership: We lead by example. We coach, educate and guide our workforce enabling them to achieve their full potential.

Empowerment: We encourage our employees to be innovative, make decisions and take responsibility for their actions.

Teamwork: We strive to work as a team and individuals, reaching our common goals.

Continuous Improvement: We are constantly striving to do the right things even better.

Ethics: We are fair, truthful, and consistent in our business and personal practices



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

KafritGroup®

Kafrit

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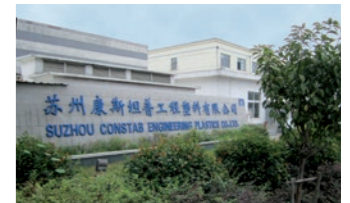
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Giving Life to **Plastic**

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Please request for further information:

- **Optimizing BOPP film production**
with CONSTAB Masterbatches and Compounds
- **BOPE – Sustainable solutions for flexible packaging films**
with CONSTAB® CON-X Masterbatches
- **Polyethylene Packaging · Polypropylene Cast and Calender Films**
Rolling to success with Kafrit Group Masterbatches and Compounds
- **Ecocell® – Lighten up!**
A revolutionary foaming agent to reduce material and resin consumption
- **Polycarbonate and PMMA Sheets**
for a transparent view with Kafrit Masterbatches and Compounds
- **Agricultural Film**
Growing success with Kafrit Group Masterbatches and Compounds
- **Pipes and Sheets**
Customized solutions with Kafrit Group Masterbatches and Compounds
- **Kafrit Group Antioxidants**
Reliable protection for your plastic products
- **Injection Molding · Blow Molding**
Injecting new ideas into your products with Kafrit Group Masterbatches and Compounds
- **Adding value to Fibers and Nonwovens**
with Kafrit Group Masterbatches
- **Packaging your needs**
PET Masterbatches and Compounds

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