

# KOROZO TIMES >>

4<sup>TH</sup> QUARTER NEWSLETTER 2023



# CELEBRATING 50 GLORIOUS YEARS OF SUCCESS AT KOROZO

This year's traditional plaque ceremony has been a memorable event for Korozo as we marked two momentous occasions - 100 years of the Republic of Turkey and our company's 50th anniversary.

This extraordinary event strengthened our team spirit while we reviewed last year's performance and set ourselves new goals. We also honored 75 colleagues, who have been the backbone of Korozo's success, with their well-deserved plaques recognizing their dedication and hard work. As we reflect on the past 50 years, we express our gratitude to all our colleagues for their commitment and to all business partners for their trust and collaboration.



*Korozo's plaque ceremony*



Here's to next  
50 years of reaching  
new heights together.



## SETTING NEW HEIGHTS FOR THE FUTURE AT GET TOGETHER 2023 ISTANBUL SALES CONVENTION

This year's sales convention Get Together 2023 was held in Istanbul, where our incredible Food, Non-Food and Hygiene Components teams came together under the inspiring motto "All Together to the Top".

While our sales teams reflected on the insights, challenges and success stories, this year's convention was not only a review of 2023 but also a celebration of Korozo's 50th anniversary. Our teams engaged in discussions about their growth plans in light of the global developments. The convention was also an opportunity for our sales teams from Turkey and Europe to hear the latest from Quality, Innovation, Manufacturing and Procurement teams, as well as about our investments.

**As we look ahead, we are confident that our sales teams will play a key role in taking Korozo on a successful journey for the next 50 years.**

# EVERYTHING YOU NEED IN A PACK: **KOROZO PRESENTS** **PRE-MADE POUCHES** **FOR FOOD AND** **NON-FOOD PRODUCTS**

A tour of Korozo's KORORCY pre-made pouch portfolio – described as a recyclable, high-barrier, mono-PE packaging solution



**“**With our state-of-the-art machine park and continued investments, we increase our production capacity and planning capabilities for flat bottom pouches – one of our flagship products. **”**

Semih Şalhon,  
Vice President for Food  
Flexibles Business Unit.

We all see stand-up pouches when browsing supermarket aisles and use them every day. Korozo has its signature on many of those packs. Korozo, celebrating its 50 years in flexible packaging, produces a wide range of high-quality pre-made pouch solutions including stand-up pouches, flat bottom pouches, quad seal bags, three-side sealed flat pouches, spouted pouches, and retort pouches for food and non-food products. In an effort to tackle climate change, our planet's most urgent crisis, Korozo also offers a recyclable portfolio of pre-made pouches called KORORCY, which are recyclable in PE recycling streams.

KORORCY's flat bottom pouch, one of the latest innovations from Korozo's KORORCY development program for PE-based mono-material flexible packaging solutions, provides excellent protection against light and air, ensuring the proper preservation of food products. With their improved seal performance proving 100% leak-free, Korozo's recyclable flat-bottom pouches can package goods from 150 g to 10 kg in weight. The novel pouch design can replace boxes. They are also an excellent marketing tool, remaining stable on store shelves thanks to their 3D shape, and come with multiple panels for branding. They can also incorporate features such as

easy opening with a tear notch, reclose zipper, pocket zipper, spout, or even degassing valves if you need a solution for coffee beans. Korozo's pre-made pouches with a unique, eye-catching concept can easily replace rigid containers – coming at a much lower cost and taking up much less space.

Through continuous product development, Korozo's eco-friendly range of packs can replace conventional OPP/PET structures without compromising performance or cost. They are 100% recyclable and have a 25% lower carbon footprint. KORORCY mono-PE-based pre-made pouches offer a high EVOH barrier, high-quality graphics, and easy-open features with a recyclable zipper. KORORCY's recyclability is recognized by the independent Cyclos-HTP Institute. With this portfolio, Korozo demonstrates its commitment to making all its products recyclable or reusable by 2030 and transitioning to a more circular economy.

For more information, drop an email at **pouches@korozo.com.tr** to contact Korozo's stand-up pouch sales managers.



**“**Our innovative approach to KORORCY stand-up pouches with a spout will create a difference for producers packaging liquids such as detergents, soap, shampoo, or automotive fluids. Our spouted pouches require 80% less plastic compared to rigid packs and have a much smaller carbon footprint. They can be provided with convenient handle options and pouring solutions. They can be customized to carry up to 5 liters. **”**

Selin Bahar Meşulam  
Korozo Non-Food Flexibles  
Business Unit Director

# INTRODUCING KOROZO'S LATEST INNOVATION: KORORCY

KORORCY - Korozo's range of sustainable and high-performing packaging solutions are certified 100% recyclable. We offer special films made entirely of polyolefin meeting customers' requirements for the packed product and packaging application. Available in the form of rolls and bags KORORCY products are ideal for both food and non-food products and demonstrate Korozo's commitment to developing sustainable solutions



## DISCOVER THE IDEAL KOROSKIN PRODUCT FOR YOUR NEEDS

Korozo's unrivalled KOROSKIN films for meat, cheese and fish are extremely versatile for various areas of use. Korozo also revolutionizes seafood shopping with its unparalleled presentation, preserving freshness and quality. Koroskin tightly fits your products like a second skin preserving product integrity, flavor and appearance while providing a transparent glossy presentation. Versatile across PET and PE trays, Koroskin stands out as the ideal solution for all your seafood packaging needs.

Korozo's KOROSKIN LD films ranging from 80 to 130 µm are suitable for easier vacuum applications

Ranging from 100 to 130 µm in thickness  
KOROSKIN STD are great for packaging larger portions of cheese, meat, poultry and fish products

KOROSKIN HP films ranging from 120-150 µm are specially designed for challenging applications such as larger portions of fresh meat & fish, bone-in meats, block cheese



## SUSTAINABLE APPROACH TO THERMOFORMING FILMS

KOROFORM-RCY: Certified recyclable thermoforming films for food products  
Korozo Flexibles' KOROFORM-RCY soft thermoforming films are a great replacement for conventional PA & EVOH containing films.

Designed for recycling and certified by Institute Cyclos-HTP, the structure meets the highest requirements in recyclability.

Suitable for cheese, meat & bakery products, the new KOROFORM-RCY soft thermoforming films can be processed on roll stock machines with excellent mechanical strength, puncture & heat resistance. KOROFORM-RCY offering high barrier even at the corners of the pack can be customized for gauges up to 500 µm. For more information about our environmentally friendly packaging solutions, contact our packaging experts.



## KOROZO FLEXIBLES **NEW PEEL RECYCLABLE LIDDING FILM**

One of the latest innovations from the KOROFORM-RCY development program for PP based mono-material flexible packaging solutions NEW PEEL recyclable lidding film for PP meat trays.

**We are proud to announce that it has been selected as a finalist in the Recyclable Packaging Category of Sustainability Awards 2021 among 309 submissions in 8 different categories.**



## **“KOROFORM” A TOP QUALITY RANGE OF CRYSTAL CLEAR SOFT BOTTOM**



Korozo's soft bottom films, produced with state-of-the-art extruders and up to 9 layers, excel in food applications. Boasting exceptional clarity, they offer perfect gloss and transparency for superb product display.

These films contribute to energy savings with low-temperature thermoforming, ensuring efficiency in the manufacturing process. With high strength, they provide robust protection against impacts, forming thicker corners after thermoforming for enhanced structural integrity.

Koroform's versatility is evident in its wide thickness range and peelable options, while also offering white or printed versions for customized packaging solutions. In essence, Koroform redefines food packaging with a blend of aesthetics, functionality, and environmental efficiency.

## **KOROGPEEL: ANSWERING THE CALL: MONO-MATERIAL LIDDING FILMS FOR TODAY'S NEEDS**



Korozo's R&D teams have developed KoroGpeel, an advanced film catering to the food industry's demand for reduced packaging. Specifically designed for mono APET trays, this versatile and cost-effective film offers exceptional heat resistance, customizable performance for varying machine speeds, and excellent clarity.

**KoroGpeel also features reclosable properties, easy peelability, and reduces the need for roll changes, contributing to cost-effectiveness. This premium film aligns with industry trends, emphasizing sustainability, cost efficiency, and improved presentation for food manufacturers.**

## **CONSUMERS' PACK OF CHOICE: **KOROZO FLAT BOTTOM POUCH****

Korozo Flexibles' state-of-the-art flat bottom pouches can be used for a variety of products from pet food to confectionery and instant beverages in food industry.

Flat bottom pouches are side-gusseted pouches with five main panels made from laminated co-extruded films. The product offers both strength and outstanding look on the shelf. Flat bottom pouches are suitable to carry 150 g to 10 kg.

The product provides great flexibility to design and performance with features such as reclosable, topslider, press to close (PTC) zippers, valves, tear notches and easy to carry handle options.



## KOROZO OFFERS PERSONAL CARE BAGS WITH PCR CONTENT

**Korozo's extensive range of personal care bags now contain 70% post-consumer recycled (PCR) content.**

With excellent machinability and printing quality, Korozo's PCR bags maintain their robustness and durability proving the ideal solution for toiletries, diaper bags, bags for feminine care products incontinence bags, wet wipes.



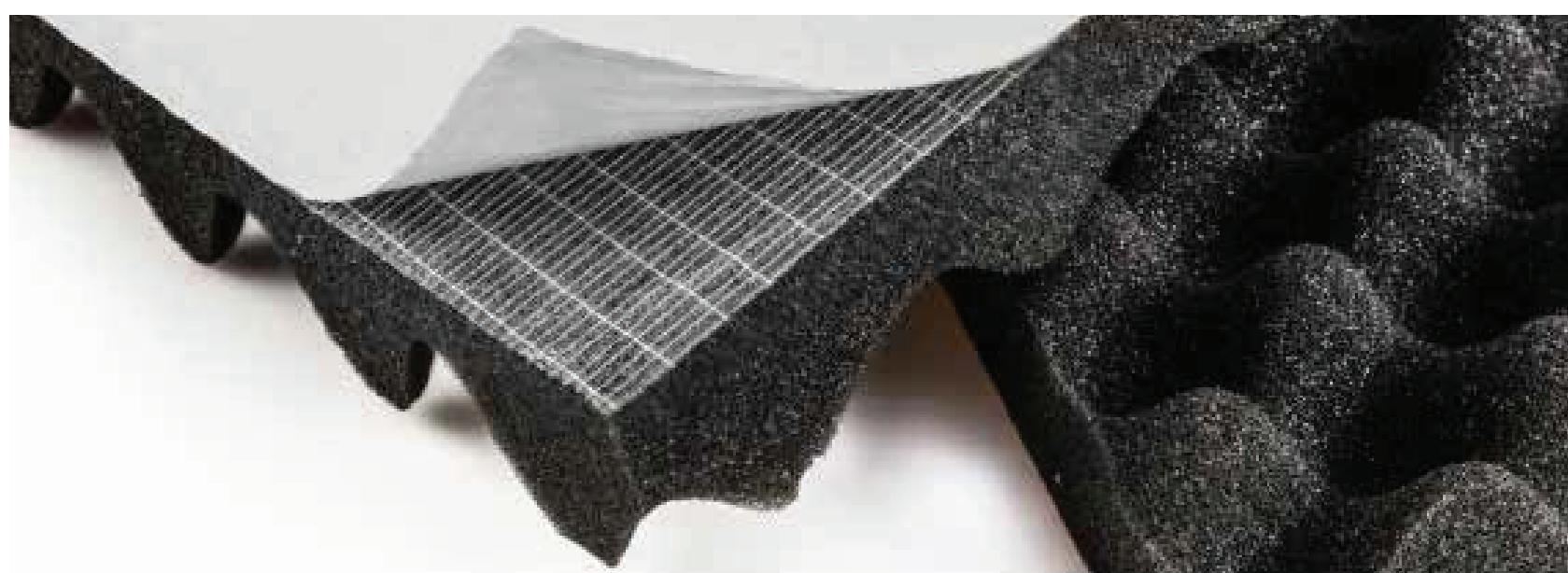
## Have You Seen Our “KOROLINER” Siliconized Release Liner Solutions?

Korozo delivers environmentally friendly application-oriented solutions through easy and tight silicone formulations with PE/PP/PET material types.

This new product line meeting the EC regulations offers optimum performance both in transfer process after glue applications and also during the application of the final product by the final consumer.

**With our blown films from 5 to 9 layers, we offer custom engineered solutions in the desired color and thickness from 12 to 150 mic. Release liners can be coated with silicone on one or both sides while the release force can be customized.**

Korozo's high temperature resistant Korolinер products are available in a range of width options from 30 mm up to 1550 mm.



## ADVANCED SOLUTIONS FOR SURFACE PROTECTION

KoroGuard with its proprietary 9-Layer film technology is the only adhesive-free solution to world-proof your product. Our newly developed 9-Layer Extruded Protection Films come in a variety of tack strengths for specific surface protection needs, keeping your surfaces looking like new. KoroGuard is easy to apply without bubbling or wrinkling and easy to remove without leaving any residue providing a hassle-free protection.

**As a result of intensive R&D efforts, KoroGuard a self-adhesive film and it is glue-free to avoid substrate migration.**



# Revolutionize Your Packaging with **Korozo's Innovative** **Thermosoluble Films**



Korozo proudly offers a cutting-edge solution with our PE-EVA film, revolutionizing packaging practices by eliminating the need for costly siliconized carton boxes. Our films, available in standard thicknesses ranging from 33 to 50 µm or thicker, boast various grades with melting temperatures for a residual free resolving.

Designed to seamlessly dissolve within hotmelt adhesives without leaving any residual traces, our films exhibit high integrity to hotmelt adhesives, ensuring efficient and safe automated production processes. With food approval, our PE-EVA film aligns with stringent quality standards.

Leveraging state-of-the-art extrusion capabilities of up to 9 layers, Korozo excels in the extrusion process of PE-EVA for HMA, backed by a wealth of well-established recipes. Trust Korozo for a reliable and advanced solution that enhances efficiency, safety, and overall excellence in packaging.

## HENKEL PARTNERS WITH KOROZO FLEXIBLES

Henkel has partnered with Korozo Flexibles to introduce a fully recyclable stand-up pouch for their premium automatic dishwashing product Somat Excellence. Korozo's mono-material fully recyclable film with special features like easy opening and metallic effect is converted to pouch at Henkel. The certified recyclable premium flexible packaging is now in stores in Germany. Marcel Daube, International Packaging Development HC ADW at Henkel said:

**“**With the implementation of mono-material stand-up pouches along our flagship automatic dishwashing product Somat Excellence, we are taking the next step towards our Henkel sustainability targets, designing 100% of our packaging for reuse or recycling.**”**

This new mono-material film by Korozo Flexibles can be processed on form-film-seal lines with excellent heat resistance and stiffness and it is tailor-made to meet the customer's precise needs.

Korozo Nonfood Flexibles Business Unit Director Selin Bahar Meşulam said:

**“**Customer First and Sustainability are among our core values at Korozo. We reaffirmed our values when our dedicated team has partnered with Henkel to meet the requirements towards our mutual sustainability target of having 100% recyclable or reusable packaging.**”**

With this partnership, Korozo Flexibles has once again demonstrated its commitment to make all its products recyclable or reusable by 2030 transitioning to a circular economy.





## Korozo Hygiene Components Featured in Hygiene Components Report by Nonwovens Industry Magazine

**Hüseyin Ödemis, Hygiene Components Business Unit Director of Korozo, spoke to Nonwovens Industry magazine about the developments in hygiene components industry.**

Like most suppliers to the industry today, Korozo executives recognize that consumer behavior is increasingly shaped by the climate crisis, and consumers today are more interested than ever in shopping for sustainable products that truly make a difference for the environment. Korozo's strategy is to reduce its carbon footprint by decreasing the amount of materials used in production, replacing them with greener alternatives, reusing its waste, and partnering with customers or suppliers to reduce consumption across the production cycle.

Hüseyin Ödemis says:

"Plant-based components still make up a small portion of the market but the demand has been increasing for these types of materials over the last year. We receive several questions mainly for sustainable backsheets. Customers are interested in either PLA, Green PE usage in the product construction or using PIR/PCR at certain levels. Sustainability in raw material supply is also very important and supplying green-PE is not easy due to limited availability of suppliers in the market. Together with our suppliers we work on meeting our customers' requirements for plant-based components."

**NONWOVENS  
INDUSTRY** SINCE 1970

### HAVE YOU VISITED KOROZO HYGIENE COMPONENTS' NEW WEBSITE?

We recently launched the new version of our website to provide our visitors the opportunity to get to know our company and services better. Browse through our website to find out more about our KoroCover range for backsheets solutions including plant-based backsheets offering an eco-friendly alternative. You

can also discover our patented KoroLoop frontal tape solutions as well as our wide range of closure tapes solutions with KoroTape at

[www.korozohygiene.com.tr](http://www.korozohygiene.com.tr)



# YOUR BUSINESS PARTNER FOR LIFE

Korozo Group is one of the largest industrial powers in Turkey with 9 production facilities and 4 sales & distribution offices. As Korozo Hygiene Components Business Unit, we aim to remain at the forefront of global hygiene components business by enhancing our reputation for innovation, quality and reliability.

We offer a wide portfolio in backsheets under the name of KoroCover brand, frontal tapes under the name of KoroLoop brand and closure tapes under the name of KoroTape brand for baby diaper, adult incontinence and feminine care categories. Our most recent products include 1-layer closure tapes, non-woven frontal tape, sustainable based bamboo & cotton bearing textile backsheets, special thinner non-breathable PE backsheets for feminine care products. We continue to explore into new product ideas with a focus on innovation, sustainability and downgauging to demonstrate our commitment to be responsible towards our environment. We offer lifelong collaboration to our partners, by

providing product differentiation and introducing new opportunities continuously through research and innovation which will help them serve better to their consumers. There are several projects which we run together with our partners as part of a joint business development program.

Çerkezköy and Çorlu facilities are fully in-house manufacturing plants, supplying all stages of complex production technology solutions like extrusion, laminating, coating, knitting, printing and slitting. Our accredited laboratories, equipped with state-of-art modern analysis instruments, experienced staff fueling innovation process with our strong technical team are our key assets to drive excellence in innovation.

**As Korozo Group we are committed to sustainability practices to minimize our impact on the environment. We strive to make the most efficient use of natural resources, to reduce waste and comply with environmental laws and regulations while supporting recycling and reuse activities.**



# UNVEILING A GREENER TOMORROW - DIVE INTO KOROZO'S LATEST SUSTAINABILITY REPORT

At Korozo, sustainability is at the core of all our business processes. Since 2013, we have regularly been reporting on our sustainability practices and achievements.

We proudly published our latest Sustainability Report, a comprehensive reflection of Korozo's commitment to environmental sustainability, social impact and innovation as well our progress towards our sustainability goals. This GRI-approved report was prepared with the inspiration drawn from our global community and to inspire the future through our sustainability activities.



## Korozo Celebrates Two Wins at the WorldStar Packaging Awards 2023



Korozo Flexibles' products were rewarded in two categories at this year's WorldStar Packaging Awards.

Our Food Flexibles team received an award in beverage category with its KORORCY Recyclable Flat Bottom Coffee Pouch. Our Non-Food Flexibles team is the winner of the award in household category with Korozo's refill spouted pouch for liquid soap.

## THE LARGEST PACKAGING FACILITY IN EUROPE RECEIVES A PRESTIGIOUS WORLD-CLASS ACCOLADE

Korozo's Çorlu factory, Europe's largest integrated packaging facility, secured another AA rating in the BRC IOP audit, achieving a significant success. Being a leader in Turkey's flexible packaging industry, we remain dedicated to innovation and ongoing investment. This recent quality benchmark reaffirms our high operational standards, assuring customers of the safety, functionality, and legal compliance of food sector products from our Çorlu factory.



**BRGS**  
Packaging Materials  
**CERTIFIED**



# KOROZO BECOMES OPERATION CLEAN SWEEP CERTIFIED

We are the first company in Turkey to receive certification through the international Operation Clean Sweep program, complying with ISO 22095 and EN 15343 standards under ISO 17065 guidelines.

Operation Clean Sweep aims to curb plastic granule (microplastic) losses, an international effort by the plastics industry to minimize environmental plastic granule waste. Since 2016, this initiative has been spearheaded in Turkey by PAGEV - the Turkish Plastics Industrialists Research, Development, and Education Foundation. As of 2023, the OCS Turkey Certification Program has been established to further this cause.

# KOROZO GROUP IS HONORED WITH RESPECT FOR HUMAN AWARD BY KARIYER.NET



# KOROZO GROUP'S KIRAÇ CAMPUS IS NOW “ZERO WASTE TO LANDFILL” CERTIFIED

We persist in upholding our sustainability pledges, enhancing both our environmental footprint and operational effectiveness. We take immense pride in obtaining Zero Waste to Landfill Certification for our Kiraç Campus, validating through data that a minimum of 99% of our waste undergoes recycling, reuse, or recovery.

At Korozo, we collaborate with industry-leading professionals to sustain our company's prosperity and highly appreciate those contemplating joining our team.

We're excited to share that our company has received the Respect for Human Award for both 2022 and 2023 from kariyer.net, a prominent job search platform. This recognition underscores our dedication to treating each candidate with respect and ensuring prompt responses to job applications.



## KOROZO IMPLEMENTS PRINTING EXCELLENCE PROJECT FOR STANDARD PROCESSES

As Korozo's operations and support functions strive to deliver superior quality services to our customers, we continue to focus on standardisation in our processes to increase efficiency, improve quality further and minimize waste.

With our Pre-Printing & Printing Excellence Project, we aim to enhance our pre-press & repro processes through standardization and automation. A true example of dedication and teamwork at Korozo, the Printing Excellence project will help us improve color quality and color consistency, reduce cost and set-up time.

**The project will allow for improved communication both internally and with our customers.**

## SAP TRANSFORMATION PROJECT AT KOROZO

At Korozo Group, we strive to streamline processes to improve services for our valued customers. We continue to upgrade our systems and have implemented new versions of SAP in our Izmir and Çorlu plants. With a dedicated project team, diligently configuring the system, developing comprehensive user training materials, conducting thorough testing to ensure reliability and stability of the new configuration model, Korozo invested significant time and resources in preparing for this important transformation project and to ensure a smooth transition.

This significant change marks a major step forward in Korozo's efforts to enhance efficiency, standardization and overall effectiveness in our operations. The new SAP is a fundamental enabler to improve our product quality, optimize the planning processes and automate certain administrative tasks. In addition, it will create a new digital platform which will enable us to connect in different ways both with our suppliers and our customers.

**Korozo will complete the implementation of the new SAP with next mile stone - the go live in Kiraç.**

## KOROZO IZMIR PLANT ACTIVITY RELOCATION

With invaluable support from our customers and devoted efforts of our employees, Korozo Flexibles' personal care bag business is experiencing significant growth, marked by the installation of 15 bag lines at our Izmir plant. To sustain this expansion and ensure continued excellent service, further investments are essential.

We have recently taken the decision to close our Izmir manufacturing facility and consolidate all operations in Kiraç, Istanbul. The transfer of key assets is currently underway, with engineering work in progress and recruitment/training initiatives initiated. We anticipate completing this comprehensive transition by the end of September 2024.

**Simultaneously, Korozo continues to enhance capacity by acquiring additional bag-making equipment, securing ample capabilities throughout the transfer process.**

# IN 2024, KOROZO WILL EXHIBIT AT

Cfia Rennes  
12-14 March

Empack Gorinchem  
9-11 April

Interzoo Nurnberg  
7-10 May

Hispack Barcelona  
7-10 May

Fachpack, Nurnberg  
24-26 September



FRANCE



NETHERLANDS



GERMANY



SPAIN



GERMANY

Agroprodmash, Moscow  
7-11 October

Scanspack, Gothenberg  
22-25 October

Eurasia Packaging, Tüyap  
23-26 October

Pack Expo, Chicago  
3-6 November



RUSSIA



SWEDEN



TURKEY



USA

# IN 2023, KOROZO EXHIBITED AT

Packaging Innovation



PACKAGING  
**INNOVATIONS**

UK

CFIA Rennes



FRANCE

Empack



NETHERLANDS

World's Leading  
Nonwovens Exhibition



PALEXPO, GENEVA

Interpack



GERMANY

Avrasya Ambalaj



TURKEY

Agritechnica



GERMANY



KOROZO GROUP

CARRIES YOUR IMAGE

