



| RUBA ZIPPER

Green Conversion

01

I Green World Roadmap for Children

Sustainable products.

Reduce the amount of waste.

Selecting supply chain carefully in the
use of recycled products.



I Green Factory & Environment

- 425 trees planted on factory grounds.

Efficient use of:

- Energy
- Water treatment
- Solid waste management
- Recycling processes at MOSB.



I Energy Efficiency & Waste Management

- Steam supply for production and heating.
- Heavy metal pre-treatment and transfer to central wastewater facility.



MOSB Central Waste
Water Treatment Plant



MOSB Energy Plant

I Solar Energy Systems

- 1.8 Mwp / 1.5Mwe activated solar system.
- Prevents 1230 tonnes of CO₂ annually.
- Equivalent to the absorption capacity of 148,500 trees.



An aerial photograph of an industrial area. In the center-left, a large rectangular building is covered in solar panels. To its right, another large building is also covered in solar panels. Above the solar-covered buildings is a large, light-colored industrial building with a flat roof. The area is surrounded by roads, parking lots with cars and trucks, and some greenery. The text 'DIE CASTING PLANT' is overlaid in red on the left solar building, and 'ZIPPER PLANT' is overlaid in red on the right solar building.

**DIE
CASTING
PLANT**

**ZIPPER
PLANT**

Carbon Foot Print



- Target: 55% GHG reduction by 2030, 90% by 2050.
- Remaining 10% offset for Net Zero goal.

ISO 14001 Environmental Management System Certification

Ruba has the certificate of ISO 14001 always up to date.

Ruba handles waste management in 2 types: proper stacking and disposal of hazardous waste and management of recyclable waste.

| GRS - Global Recycled Standards

The components used in producing recycled zippers comply with the Global Recycle Standards (GRS).

	TAIWAN IDFL LABORATORY AND INSTITUTE LIMITED 1F., No. 212, Sec. 2, New Taipei Blvd., Xindian Dist., New Taipei City 242032 Taiwan	
SCOPE CERTIFICATE		
Scope Certificate Number: IDF-23-481229		
IDFL certifies that		
Ruba Fermuar ve Pres Dokum Sanayi A.S.		
LICENSE NUMBER TE-99970256 (PREVIOUS 016434)		
M.O.S.B. Ekrem Elginkan Cad. No:7 Manisa, Turkey		
has been audited and found to be in conformity with the		
Global Recycled Standard (GRS) (Version 4.0)		
Products categories mentioned below (and further specified in the product appendix) conform with the standard(s): Functional Accessories (PC0017)		
Process categories carried out under responsibility of the above mentioned organization for the certified products cover: Manufacturing (PR0016); Molding (PR0018); Assembling (PR0016); Trading (PR0030)		
This certificate is valid until: 2024-08-28 Audit criteria: Global Recycled Standard V4.0; Content Claim Standard V3.1; Textile Exchange Standards Claim Policy V1.1		
Place and Date of Issue (YYYY-MM-DD)	Certification Body	Standard
TAIWAN IDFL LABORATORY AND INSTITUTE LIMITED, 2023-08-29 Last Updated: 2023-08-01	IDFL License No: CB-IDF	
 Wilford Lieber, CEO		
Certification Body Licensed by: Textile Exchange (TE) ; Licensing Code: CB-IDF Certification Body Accredited by: TAF ; Accreditation Number: PC054 Inspection Body: IDFL, Turkey This scope certificate provides no proof that any goods delivered by its holder are Global Recycled Standard (GRS) certified. Proof of Global Recycled Standard (GRS) certification of goods delivered is provided by a valid transaction certificate (TC) or equivalent covering them. The issuing body may withdraw this certificate before it expires if the declared conformity is no longer guaranteed. To authenticate this certificate, please visit www.TextileExchange.org/Certificates		
This electronically issued document is the valid original version. Scan QR Code to verify certificate.		
		