



IDEAL

EARTH

SUSTAINABLE ZIPPERS

Table of Contents



- About IDEAL
- IDEAL Earth™ Video
- IDEAL Earth™ Process
- The IDEAL Impact
- IDEAL Earth™ Overview
- IDEAL Earth™ 1.0
- IDEAL Earth™ Coil 1.0 vs 2.0
- IDEAL Earth™ Coil 3.0
- IDEAL Earth™ Delrin 1.0 vs. 2.0
- IDEAL Earth™ Eco-Denim
- IDEAL Earth™ Eco-Slider Finishes
- IDEAL Earth™ Zipper + Heat Sealed Recycled Reflective
- Certificates



Manufacturing

IDEAL owns and operates seven factories worldwide (over 1 million square feet of manufacturing space)

Bangladesh:

- Dhaka, Bangladesh

China:

- Dongguan, Guangdong
- Zhaoqing, Guangdong
- Jiangyin, Jiangsu

India:

- Mepz, Chennai

Turkey:

- Istanbul, Turkey

USA:

- Oxford, North Carolina

Established in 1936, IDEAL Fastener Corporation is the second largest zipper manufacturer in the world. IDEAL operates factories and sales offices in over 18 countries, in North and Central America, the Middle East, Europe and Asia. IDEAL offers zippers for any application including apparel, automotive, furniture, luggage, and military. With unrivaled expertise in styling, technology, and manufacturing, IDEAL provides its customers with the best products on the market. At IDEAL we are committed to excellence and doing everything in our power to ensure your success.

Sales Offices

Bangladesh, China, Hong Kong, India, Indonesia, Italy, Korea, Mexico, Netherlands, Pakistan, Singapore, Sri Lanka, Taiwan, Turkey, USA and Vietnam.

Customer Base

Our client list includes every known apparel brand and retailer in the United States & Europe including Adidas, AEO, A&F, Athleta, Bogner, Calvin Klein, COACH, Columbia Sportswear, D&G, Lands' End, Lululemon, Michael Kors, Ralph Lauren, Timberland, Tommy Hilfiger, Under Armour and many more.

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ZIPPERS THAT TREAD LIGHTLY ON THE PLANET

IDEAL Earth™ zippers are made using recycled polyester, utilizing special processes that convert recycled water bottles into zippers. Here's how it's done...



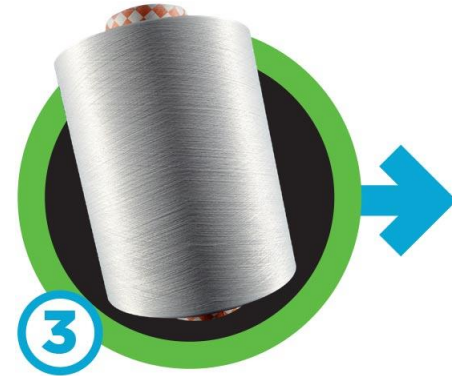
1

recycled bottles
are collected
and flaked



2

bottle flake is
formed into
polyester chips



3

polyester chips are
extruded into
**recycled polyester
yarn or
monofilament**



4

recycled polyester is used
to create environmentally
responsible
zippers

The IDEAL Impact

	 100,000 Jacket Zippers	 1 Million Bottom Zippers	 100,000 Handbag Zippers
 Keeps PET Bottles out of Landfills	45,440	140,000	30,294
 Saves Liters of Water	3,868	11,768	2,578
 Saves KWh of Energy	13,000	36,000	8,570
 Reduces Kgs of CO2	1,175	3,574	714
Saves Gallons of Gasoline	375	1000	244



IDEAL EARTH™

- IDEAL Earth™ Zippers are Made Using Recycled Polyester, Utilizing Special Processes That Convert Recycled Water Bottles into Zippers
- Available in Coil, Delrin, Invisible and Metal
- Available in Over 600 colors
- Available in All Sizes



IDEAL EARTH™ 1.0

- Available in Coil, Delrin, Invisible and Metal
- Available in Over 600 colors
- Available in All Sizes
- With only REPREVE® tape



IDEAL EARTH COIL 1.0

IDEAL EARTH COIL 2.0



40%
**MORE rPES USAGE
COMPARED TO IE 1.0**

REPREVE® is a registered trademark of Unifi, Inc.

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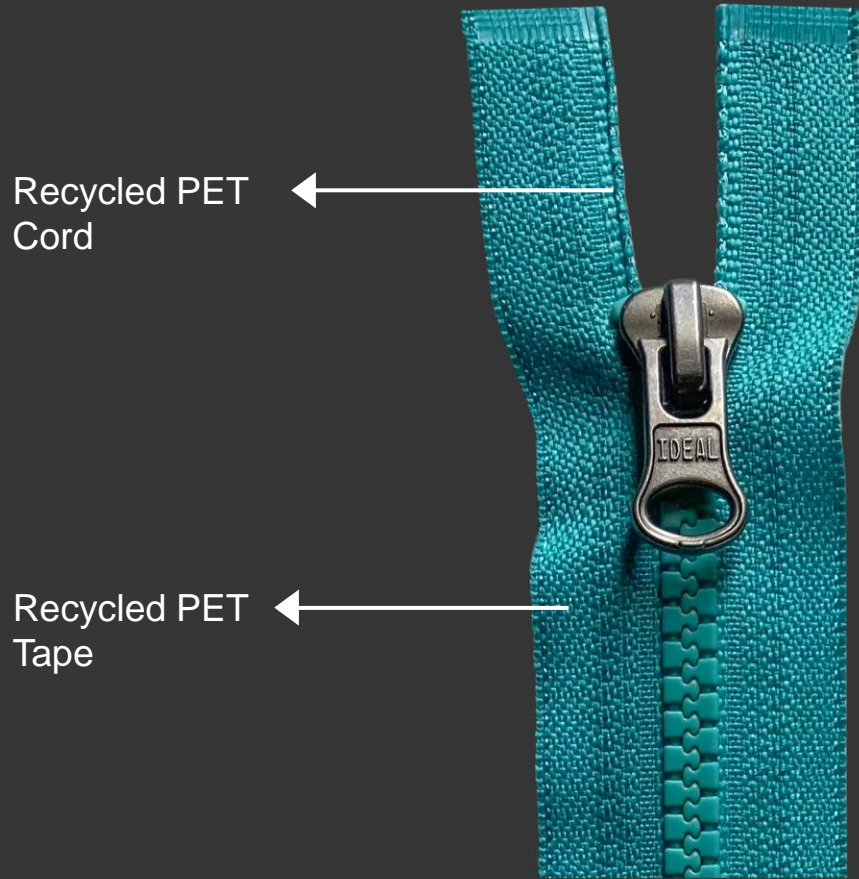
IDEAL EARTH™ 3.0 COIL ZIPPER

- rPES Tape +
- rPES Teeth +
- rPA Slider / Puller
- All Recycled Material with T/C



IDEAL EARTH DELRIN 1.0

IDEAL EARTH DELRIN 2.0



Recycled PET
Cord

Recycled PET
Tape



Recycled PET
Cord

Recycled PET Tape

HOSTAFORM®
POM ECO B 

50% CO₂ footprint reduction
compared to IDEAL Earth™ Delrin
1.0

* Manufacturing process is
unchanged, so no product
requalification or performance
sacrifice

HOSTAFORM® is a registered trademark of Celanese

REPVE® is a registered trademark of Unifi, Inc.

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IDEAL EARTH™ ECO-DENIM ZIPPERS

IDEAL Earth™ Eco-Denim Zippers are made using REPREVE® polyester, utilizing special processes that convert recycled water bottles into yarn for our zipper tapes. These zippers are also available with an Eco-finish.

1 Million Bottom Zippers with REPREVE®



140,000 PET bottles kept out of landfills



11,769 liters of water saved



36,000 KWh of energy saved



3,574 Kgs of CO2 reduced



1000 gallons of gasoline saved

1 Million Bottom Zippers with Eco-Finish

**AVAILABLE FINISHES: IEP16 (ANTIQUE NICKEL), IEP45 (BRIGHT NICKEL)
IEP50 (ANTIQUE BRASS), IEP51 (BRASS)**



Elimination of cyanide, sulfuric acids & strong caustics



6,000 litres of water saved



1,800 kWh of energy saved in total

IDEAL
EARTH
SUSTAINABLE ZIPPERS

ECO-SLIDER FINISHES



IE Dull Gunmetal
IEP19



IE Gunmetal
IEP48



IE Antique Copper
IEP49



IE Alloy
IEP281

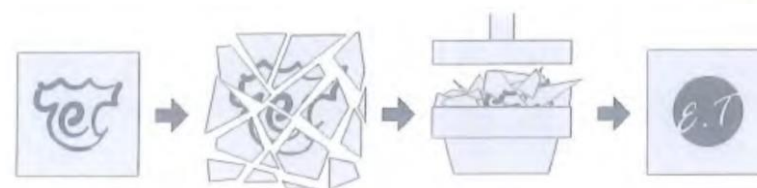


IE Antique Dark Alloy
IEP344

IDEAL EARTH™ ZIPPER+HEAT SEALED RECYCLED REFLECTIVE

Recycled Heat Transfer – Silver Reflective Kiss-Cut Only

- Solution application: ST/WP WATER REPELLENT / SS1 LOW TEMP. ELASTIC
- Heat press: 230°F ↑ (depends on fabrics)
- Stay away from fabric color change, press mark, and color migration
- Recommended fabrics: heat sensitive fabrics such as polypropylene and polyester, etc.
- Black background color only
- Made from silver reflective waste materials
- Partnered with E. Textint





**IDEAL EARTH™
ZIPPER+HEAT
SEALED RECYCLED
REFLECTIVE**

- Partnered with E. Textint
- Available in #5 Coil; Additional Sizes Coming Soon
- Available Only in Silver Reflective and Black Background
- IDEAL Earth™ Zippers can be DTM



IDEAL obtains the GRS Scope Certificate to prove the sustainable zipper content is using over 20% of recycled materials and meets the environmental practices

IDEAL has been a member of the Higg Index Program since 2018.



The FEM score verifies IDEAL has significantly reduced waste, water usage and is saving energy



YEAR	GUANGDONG FACTORY	DONGGUAN FACTORY
2019	48%	20.4%
2020	55%	34.6%
2021	58.7%	44.5%
2022	69.7%	63.1%



The Higg FEM assesses:

- Environmental Management Systems
- Energy Use
- Water Use
- Wastewater
- Emissions to Air
- Waste Management
- Chemical Management



SCOPE CERTIFICATE

intertek
Total Quality Assured
Intertek Testing Services NA, Inc.
900 Chestnut Street
Lowell, MA, USA 01851

Intertek declares that

IDEAL Fastener (Dong Guan) Limited

License Number: LD1442-G4
Dabandi Industrial District, Daning Community, Humen Town, Dongguan City, Guangdong Province, China

has been inspected and assessed according to the:

GLOBAL RECYCLED STANDARD 4.0 (GRS 4.0)

and that products of the categories as mentioned below (and further specified in the annex) conform with this standard:

Product categories: Functional accessories

Processing steps / activities carried out under responsibility of the above-mentioned company (by the operations as detailed in the annex) for the certified products:
Manufacturing, Warehousing, Weaving, Dyeing, Finishing, Trading

Scope Certificate Number: LD1442-G4-2020-0018S200
Initial Certification Date: 24 November 2020
Certificate Issue Date and Place: 24 November 2020 Lowell, MA, USA
Certificate Expiry Date: 23 November 2021

intertek Global Recycled Standard

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

IC-486-04-04-20-20 Page 1 of 4

SCOPE CERTIFICATE

intertek
Total Quality Assured
Intertek Testing Services NA, Inc.
900 Chestnut Street
Lowell, MA, USA 01851

Intertek declares that

IDEAL FASTENER ASIA LTD.

License Number: I00450-G4
10/F, IDEAL PLAZA, 46-48 PAK TIN PAR ST., TSUEN WAN, NT, HK

has been inspected and assessed according to the:

GLOBAL RECYCLED STANDARD 4.0 (GRS 4.0)

and that products of the categories as mentioned below (and further specified in the annex) conform with this standard:

Product categories: Functional Accessories

Processing steps / activities carried out under responsibility of the above-mentioned company (by the operations as detailed in the annex) for the certified products:
Dyeing, Manufacturing, Warehousing, Weaving, Finishing, Trading

Scope Certificate Number: I00450-G4-2020-0019S700
Initial Certification Date: 07 December 2020
Certificate Issue Date and Place: 07 December 2020 Lowell, MA, USA
Certificate Expiry Date: 06 December 2021

intertek Global Recycled Standard

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

IC-486-04-04-20-20 Page 1 of 4

SCOPE CERTIFICATE

intertek
Total Quality Assured
Intertek Testing Services NA, Inc.
900 Chestnut Street
Lowell, MA, USA 01851

Intertek declares that

IDEAL Fastener (GuangDong) Industries Ltd.

License Number: I00928-G4
No.2, Industrial Street of Zhaoqing High-tech Zone, Zhaoqing City, Guangdong Province, China

has been inspected and assessed according to the:

GLOBAL RECYCLED STANDARD 4.0 (GRS 4.0)

and that products of the categories as mentioned below (and further specified in the annex) conform with this standard:

Product categories: Functional Accessories

Processing steps / activities carried out under responsibility of the above-mentioned company (by the operations as detailed in the annex) for the certified products:
Dyeing, Manufacturing, Warehousing, Weaving, Trading

Scope Certificate Number: I00928-G4-2020-0018S100
Initial Certification Date: 24 November 2020
Certificate Issue Date and Place: 24 November 2020 Lowell, MA, USA
Certificate Expiry Date: 23 November 2021

intertek Global Recycled Standard

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

IC-486-04-04-20-20 Page 1 of 4

SCOPE CERTIFICATE

CU Inspections & Certifications India Pvt. Ltd.
22nd Floor, Arhant Aura, TTC Industrial Area, Turbhe MIDC, Opposite Turbhe Station, 400705, Navi Mumbai, Maharashtra, India
+91 22 61294200
www.petercentralsolution.com

Scope Certificate Number: CUJ0802-IGRS-2020-00079311

Control Union Certification Services Pvt
Ideal Fastener India Pvt Ltd
License Number: I080143
C4 & C5, Phase II, 3rd Main Road, MEFT, Tambaram
600045 Chemical, Tamil Nadu, India

has been inspected and assessed in accordance with the
Global Recycled Standard (GRS)
- Version 4.0 -

and that products of the categories as mentioned below (and further specified in the annex) conform with this standard:
Product categories: Dyed fabrics, Functional accessories

Processing steps / activities carried out under responsibility of the above-mentioned company (by the operations as detailed in the annex) for certified products:
Dyeing, Exporting, Manufacturing, Storing, Trading, Weaving

This certificate is valid from:
2020-11-24
This certificate is valid until:
2023-11-23

Place and date of issue: 2020-11-24, Navi Mumbai
Name of authorized person: On behalf of the Managing Director
Yash Bari | Certifier

Stamp of the issuing body
Stamp of the accredited body
Member's sign

This Scope Certificate provides no proof that any goods delivered by its holder are GRS certified. Proof of GRS certification of goods delivered is provided by a valid Transaction Certificate (TC) covering them. Holder can withdraw this certificate before it expires if the declared conformer is no longer conformant.
In the absence of this certificate, Internal assurance is held by any other party than the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining the status in accordance with Internal requirements for product certification. Validity may be withdrawn if <https://www.controlunion.com> or by contacting the body in the right with a suspension. The certificate remains the property of Control Union, which it must be returned upon request.
This document is based on documents received by the certifier upon request.
Automatically generated on: 2020-11-23
The document should be reviewed by the certifier upon request.

IC-486-04-04-20-20 Page 1 of 4



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