nachik

ReLeather

ReLeather is an innovative recycled engineered leather that looks and feels like natural leather.
It is made by binding recycled leather fibers together with synthetic fibers using an innovative process.

REACH COMPLIANT

RoHS compliant

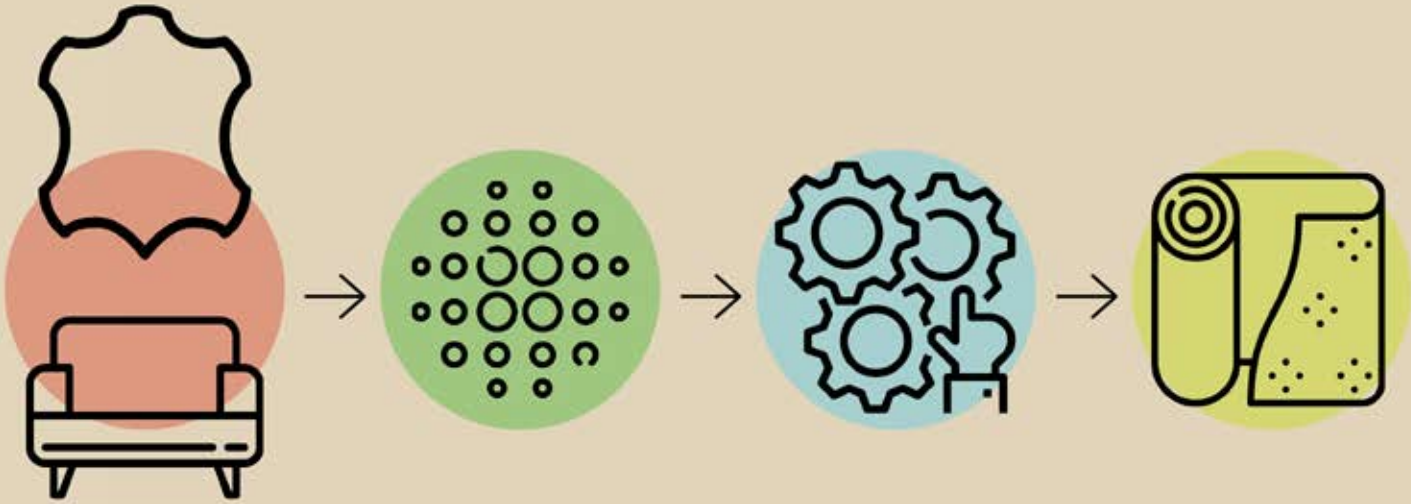
PVC FREE

Circular Economy

SUSTAINABLE DEVELOPMENT GOALS

ReLeather

During the production process of traditional leather goods, some leather waste is thrown away and eventually goes to landfills. These are being collected, together with used material from old leather goods, and being recycled to create leather fibers.



ReLeather

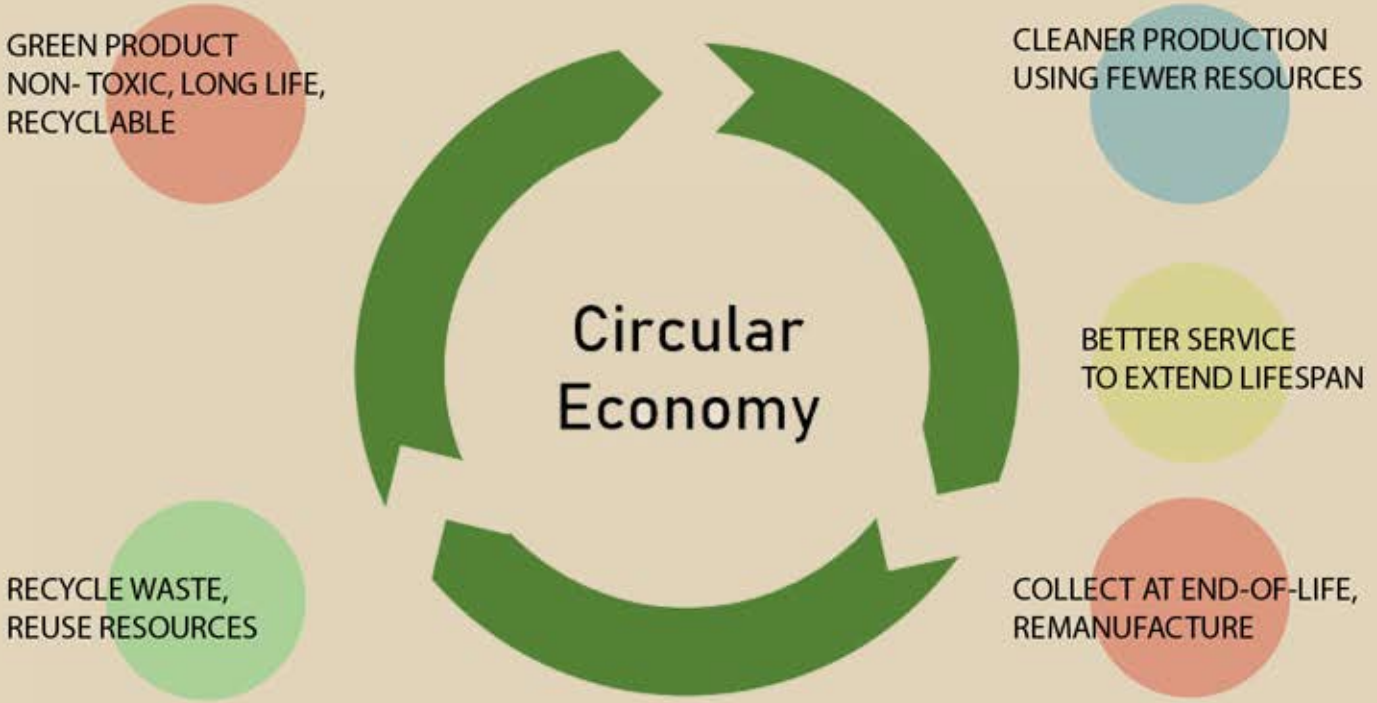
recycled leather

95% water saving

60% lowering carbon emissions

90% more sustainable

ReLeather



The circular economy is a new way of creating value, and ultimately prosperity. it works by extending product lifespan through improved design and servicing, and relocating waste from the end of the supply chain to the beginning—in effect, using resources more efficiently by using them over and over, not only once.

ReLeather

Composition: 63% Recycled Leather, 22% CPU, 15% Polyester
Weight: 870 gsm
Width: 138 cm

Peel Strength (GB/T 8949-2008, 5.9, 200 mm/min.): N/A
Tensile Strength (ISO 13934-1:2013): Direction#1 910N, Direction#2 750N
Elongation at Break (ISO 13934-1:2013, 10 mm/min.): Direction#1 13.2%, Direction#2 20.2%
Tear Strength (ISO 13937-2:2000): Direction#1 47.3N, Direction#2 33.1N
Flexing Resistance (ISO 5402-1: 2017): After 50,000 Cycles Observation: No Cracking
Bursting Strength (ASTM D3786/D3786M-18, Mullen Type Burster): 19.9 kg/cm2
Lastometer Ball Burst Test (SATRA TM24: 2017; Condition in 20±2□, 65±2% R.H for 48 Hours):
Bursting Point: 276.8N, 10.8mm
Martindale Abrasion (SATRA TM 31:2003(2005), Method A): After 100,000 Revs.
Wyzenbeek Abrasion (ASTM D4157): >100,000 Double Rubs
Flame Retardant cigarette ignition resistance (NFPA 260 standard): PASS class 1
Flame Retardant - CAL 117-2013, Section 1: PASS

ROHS Standard
REACH Standard

Clean regularly with a dump cloth or sponge.
Do not use: solvents / concentrated abrasive or solvent cleaning products / wax polish
Do not fold

ReLeather

Detection of Amines in Dyestuff (AZO Dyestuffs):

(EN ISO 14362-1: 2017 for Textile Material/ EN ISO 17234-1: 2015 for Leather Material/ EN ISO 14362-3: 2017 & EN ISO 17234-2: 2011 for p- Aminoazobenzene):

	Forbidden Amine	Cas No.	Result
1.	4-Aminodiphenyl	92-67-1	ND
2.	Benzidine	92-87-5	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND
4.	2-Naphthylamine	91-59-8	ND
5.	o-Aminoazotoluene	97-56-3	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND
7.	p-Chloroaniline	106-47-8	ND
8.	2,4-Diaminoanisole	615-05-4	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND
14.	p-Cresidine	120-71-8	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND
16.	4,4'-Oxydianiline	101-80-4	ND
17.	4,4'-Thiodianiline	139-65-1	ND
18.	o-Toluidine	95-53-4	ND
19.	2,4-Toluylenediamine	95-80-7	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND
21.	2,4 Xylidine	95-68-1	ND
22.	2,6 Xylidine	87-62-7	ND
23.	2-Methoxyaniline	90-04-0	ND
24.	p-Aminoazobenzene	60-09-3	ND
25.	4-Chloro-o-toluidinium chloride	3165-93-3	ND
26.	2-Naphthylammoniumacetate	553-00-4	ND
27.	4-Methoxy-m-phenylenediammonium sulphate	39156-41-7	ND
28.	2,4,5-Trimethylaniline hydrochloride	21436-97-5	ND

ReLeather

Extractable Heavy Metals Content (ISO 17072-1: 2019):

Elements	CAS No.	Detection Limit (ppm)	Result (ppm)	Requirement (ppm)
Ext. Antimony(Sb)	7440-36-0	3.0	ND	30.0
Ext. Arsenic (As)	7440-38-2	0.1	ND	0.2
Ext. Lead (Pb)	439-92-1	0.1	ND	1.0
Ext. Cadmium(Cd)	7440-43-9	0.05	ND	0.1
Ext. Chromium(Cr)	7440-47-3	0.5	46	--
Ext. Cobalt (Co)	7440-48-4	0.5	ND	4.0
Ext. Copper (Cu)	7440-50-8	5.0	ND	50
Ext. Nickel (Ni)	7440-02-0	0.1	ND	1.0
Ext. Mercury (Hg)	7439-97-6	0.02	ND	0.02
Ext. Selenium (Se)	7782-49-2	50	ND	500
Ext. Barium (Ba)	7440-39-3	100	ND	1000

Determination Of pH (ISO 4045-2008):6.4
Chromium (VI) (Cr (VI)) Content (ISO 17075-1:2017): ND
Formaldehyde Content (Leather) (ISO 17226-1:2018): ND
Pentachlorophenol (PCP) (§64 LFGB B82.02-8:2001 or DIN EN ISO 17070:2015): ND

ReLeather

- Short and simple production line
- Low energy consumption during production
- Low water consumption during production
- Eco Friendly
- Solvent Free
- Pass the standards of REACH and ROHS
- 10 Years Hydrolysis Resistance
- Genuine leather feel

RoHS compliant

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