



End of life tyres, the next journey.

Since 1971 our core focus has been our environment and creating a sustainable future through truck tyre retreading.

Tyre recycling What happens next?

Following a tyre replacement on your vehicle, the end of life tyre is returned to ContiLifeCycle Ivybridge (Bandvulc Tyres Ltd) to be recycled, but the journey doesn't end there...

Tyre is collected and returned to the production facility for inspection

Scrap tyre route

Tyre is transported to a scrap tyre recycling facility

All companies who accept our waste are checked to ensure they hold the correct Environmental permits.

The scrap tyres are then processed to separate the rubber from the metal wires. The rubber is then further processed for new products

After Inspection the tyre is classed as a retread product or scrap

Retread tyre route

Tyre is retreaded in line with European **Retreading regulations**

the resource efficiency and consumes four times fewer tyres than using low-cost single-life tyres.

80% of the used tyre is re-used in a retread, greatly increasing resource productivity and improving supply resilience. Each time a truck & bus tyre is retreaded 30kg of rubber, up to 20kg of steel and 60 kg of CO2 are saved.

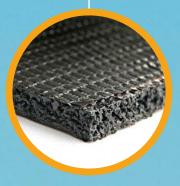
Products made from recycled rubber



Artificial turf



Playground matting



Carpet underlay



Road surfaces

Plus reclaim rubber for tyre production, speed bumps & so much more

Tyre and casing waste flow diagram

Bandvulc Tyres Ltd Used tyres are collected by our own transport network from Step **Environmental Permit number** service providers or from casing dealers and returned to Bandvulc Tyres Ltd where the Bandvulc retread tyres are Gillard Way, Lee Mill Ind Estate, Ivybridge, Devon, PL21 9LN manufactured After inspection, the tyre is classed as a casing acceptable The returned used tyres / casings are inspected by Bandyulc for retreading, or a scrap tyre Step Passed inspection = Failed inspection = Scrap casings are baled for transporting. Baling the casings accepted for retreading Scrap tyre ensures the maximum load capacity of vehicles is utilised The casing is accepted into the production process Scrap tyres from Bandvulc are transported to rubber recyclers. to be recycled into a new tyre product Bandvulc Tyres are a registered upper tier waste carrier, broker and dealer Tyres produced are inspected fully throughout the process. Any tyres that fail quality control testing Step When 3rd party transport is used, checks are throughout the process are scrapped carriers on the EA public register **During the recycling process** Step 3A rubber crumb waste is produced We currently use two UK based rubber recyclers "New" retread tyres are produced and dispatched to customers Conica Ltd. **Murfitts industries Environmental permit Environmental permit** number Jessop Way, Northern Road Ind Est, Newark, Nottinghamshire, Land/premises At, Station Road, Lakenheath, Brandon, Rubber crumb generated during the process is securely contained Suffolk, IP27 9AD NG24 2ER in large bags weighing approximately 800kg each We currently use one UK based rubber recycler Wellington Rubber Company Ltd. Permit number WEX279007 6, WIMPORY STREET, Step 4 Spreelast GmHb. BIMSch - Genehmigung AFI G-20/98 **MANCHESTER, M11 2FP** REG Reifen-Entsorgungsgesellschaft mbH, Büttnerstraße 25, D-30165 Hannover, Germany Step Rubber crumb is also transported to Germany for recycling back into new Rubber crumb is transported using the CMR, Annex 7 and customs procedures tyres (for use of Continental Group Holdings only)

Every tyre rejected will generate approximately 34kg of rubber granulate for reuse and 20Kg or steel

Every tyre accepted through the initial inspection will generate approximately 7kg of rubber crumb for reuse when it is buffed down prior to retreading process.

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name Environment Agency

National Customer Contact Centre

99 Parkway Avenue

Address Sheffield

S9 4WF

Telephone number 03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered

carrier

BANDVULC TYRES LTD

Registered as An upper tier waste carrier, broker and dealer

Registration number CBDU174102

BANDVULC TYRES LTD

GILLARD WAY

Address of place of

business

LEE MILL INDUSTRIAL ESTATE

IVYBRIDGE

PL21 9LN

Telephone number 07711387246

Date of registration 29 March 2023

Expiry date of

registration (unless

9 May 2026

revoked)

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.





