



ID Group
NORDIC AS



What Does RPET Stand For?

RPET stands for Recycled Polyethylene Terephthalate. In simpler terms, it's a type of polyester made by recycling existing plastic — most commonly, discarded plastic bottles. Instead of creating new (or “virgin”) polyester using fossil fuels, RPET gives a second life to plastic that might otherwise end up in landfills, incinerators, or oceans.

Essentially, RPET is polyester with a past life. Every fibre of RPET fabric tells a story of recovery, transformation, and renewal.

How RPET is Made vs. Traditional Polyester

The process of making traditional polyester starts with petroleum. Crude oil is extracted, refined, and processed to create plastic polymers, which are then spun into polyester fibres. This process consumes significant energy, water, and natural resources, and releases large amounts of carbon emissions.

RPET, on the other hand, flips the script. Instead of starting with virgin fossil fuels, it begins with used plastic bottles. The bottles are:

Collected and sorted by colour and quality.

Cleaned thoroughly to remove labels, caps, and residues.

Shredded into small flakes.

Melted down and re-spun into new polyester fibres.

Woven or knitted into RPET fabric, ready to be turned into products from **ID Nordic**.

This closed-loop approach dramatically reduces waste while cutting down on the demand for virgin plastic production.

The Benefits of RPET Fabric

1. Lower Carbon Footprint

Producing RPET fabric uses up to 50% less energy than traditional polyester and reduces greenhouse gas emissions significantly. By reusing plastic waste, we're cutting out the emissions associated with new oil extraction and refining.

2. Water Savings

Textile production is water-intensive, but RPET reduces water use compared to virgin polyester. Some studies estimate that producing RPET can save up to 20% of water, which is crucial in a world facing increasing water scarcity.

3. Durability & Performance

RPET fabric is just as strong and versatile as traditional polyester. It's lightweight, durable, and easy to clean — making it perfect for everyday use. At **ID Nordic**, we've tested RPET extensively, and we know it can handle the weight of your shopping, your laptop, or your everyday essentials.

4. Waste Reduction

Perhaps the most direct benefit: every **ID Nordic** product helps rescue plastic bottles from the waste stream. We've already repurposed millions of bottles — proof that small actions, multiplied, can make a big difference.

Common Uses of RPET Beyond Accessories

RPET isn't limited to accessories. This versatile fabric is making its way into many industries:

Clothing: T-shirts, fleeces, jackets, and activewear are increasingly made with RPET fibres.

Footwear: Shoe brands are experimenting with RPET uppers, linings, and even laces.

Accessories: Backpacks, wallets, and hats are adopting RPET as a sustainable material.

Home textiles: Bedding, upholstery, and curtains are starting to incorporate recycled fabrics.

The future of textiles is circular — and RPET is helping to pave the way.

Why ID Nordic Chose RPET for Sustainability

At **ID Nordic**, our vision is to design beautiful, functional products that are kind to both people and the planet. Choosing RPET fabric allows us to:

Rescue plastic waste from landfills and oceans.

Reduce our carbon footprint compared to virgin polyester production.

Offer durability and style without compromise.

Support a circular economy where materials are reused, not wasted.

Every **ID Nordic** product is a small step towards a cleaner, greener future. By choosing RPET, we're showing that sustainability and style can go hand in hand.

Conclusion

So, what is RPET fabric? It's proof that waste can be transformed into something beautiful and useful. By giving plastic bottles a second life, RPET reduces environmental impact, conserves resources, and promotes a circular economy. At **ID Nordic**, we're proud to use this sustainable fabric as the foundation for our eco-friendly solutions.

The next time you choose an **ID Nordic** product, you're not just carrying your belongings — you're carrying a story of sustainability and positive change.