
 OynaPel
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Water Protection for the Circular Future





Robust Water Enhanced Water Protection Repellency Durability



PFAS Compliant Chemistry*



Compatible with Recycling Systems





The future of water protection is here. DynaPel™ offers unprecedented water repellency* without the need for a PU coating. Using advanced green chemistry*2, combined with a unique manufacturing process, DynaPel™ offers a highly water repellent fastener* with a low environmental footprint*. With a recycled tape and compatible green chemistry, DynaPel[™] is designed for circularity.

DynaPel™ provides durable and long-lasting water protection. Using a unique process that applies heat and pressure, the chemistry penetrates the surface of the yarn, and through molecular crosslinking encapsulates the entire yarn with a water repellent layer. Invisible to the eye, the treatment is extremely resistant to abrasion and the impacts of laundering*.

DynaPel™ Production Process



Start with safe advanced PFAS compliant chemistry



Apply the chemistry to the zipper without the use of water



Place the zippers under pressure to evenly coat each fiber



Heat the pressurized zippers to molecularly bond the chemistry to each fiber

Item Availability

SIZE	CHAIN	FRONT/REVERSE	CLOSED END	OPEN END		2-WAY(MOVABLE)		CHAIN
				RIGHT	LEFT	RIGHT	LEFT	011/1111
3	CFTG	REVERSE ONLY	0	TBC	TBC	TBC	ТВС	0
5	CITG	REVERSE ONLY	0	UD	0	TBC	TBC	0

[&]quot;YKK classifies" PFAS compliant" fastening products as products that contain less than 50 ppm organic fluorine, and, to the best of YKK's knowledge and belief, do not contain intentionally added PFAS. This definition may be subject to change based on trends or updates in PFAS regulations.

1. Based on internal water repellency testing data compared to YKK's existing products
2. OEKO-TEX® Eco Passport certified EMPEL chemistry
3. Based on ongoing internal Life Cycle Assessment (LCA) data calculations

⁴ Based on internal water repellency testing, after abrasion cycles (JIS L 0849(II)) and , after laundering (AATCC 124 LP1), compared to YKK's existing products







