

**CRASH ABSORB**

Special material (water-repellent elastic-visco nitrile rubber) with shape retention memory and excellent energy absorption that adapts perfectly to the shape of the body and ensures optimum fit.

PRO-SHAPE

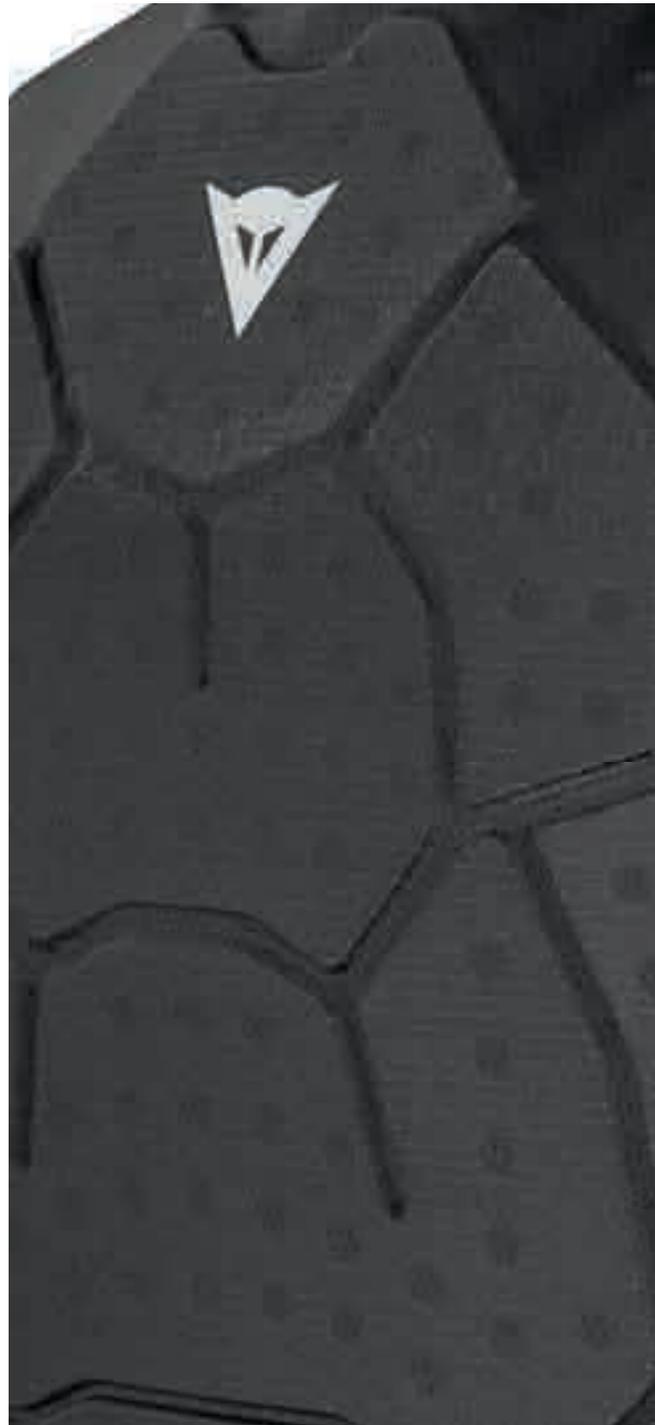
Pro Shape is a yielding and incredibly light honeycomb structure made of Polynorbornene, a polymer with remarkable shock-absorbing qualities. Pro Shape is usually found coupled with a layer Crash Absorb forming a sandwich, only 6mm thick, capable of satisfying the EN 1621 standards for impact-prone protectors. The perforated structure of this protector guarantees ideal ventilation against heat and sweating.

**MANIS BACK PROTECTOR**

The composite plates of the Manis move with controlled elasticity and so offers four dimensions of freedom. Thanks to the elasticated tendons that connects the plates, it can extend by up to eight per cent of its length; it can flex laterally up to an angle of 25° on either side; it can twist and flex forward. The special padded liner boasts a sandwich construction of 3 different materials, each of which performs a different function: Expanded polyethylene (ePE) for dimensional stability, Crash Absorb for impact absorption, and thermoformed expanded polyurethane (ePU) for comfort. The entire structure is perforated throughout to enable maximum heat exchange.

FLEXAGON BACK PROTECTOR

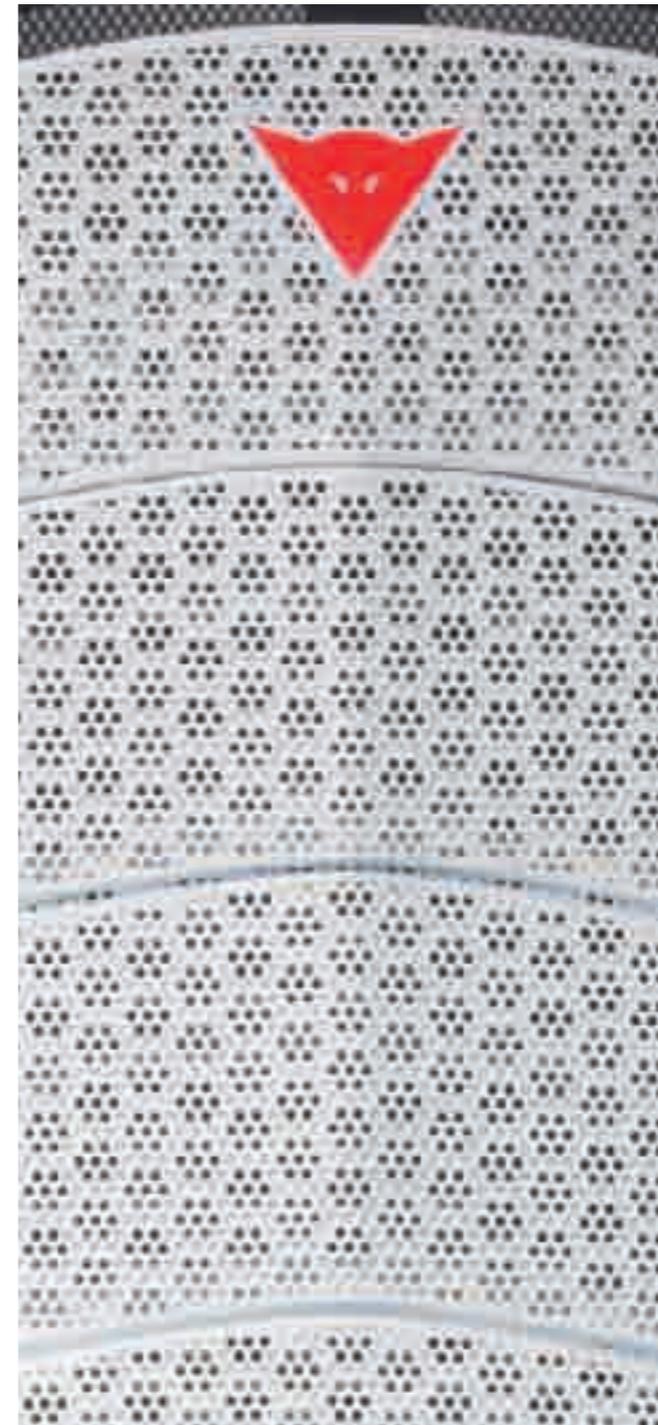
Flexagon redefines the standards of protective comfort with its innovative construction technology. The exceptional flexibility is aided by overlapping layers of Crash Absorb® memory retention foam that move independently of one another, and follow the anatomy of the body. Its ergonomic pattern of hexagon shaped soft pads provide comfort and maximum freedom of movement (6 sides, mobility on the 30° 90° and 150° axes) along with effective protection.

**FLEX TECHNOLOGY** BACK PROTECTOR

Flex Technology is the exclusive construction used in most of Dainese's soft spine protectors. The back panel is formed by two overlapping layers that are free to move independently, this ensures a perfect fit with the anatomy of the back. Each layer is broken down in different plates accurately replicating all back conformations in the typical riding positions.

WAVE BACK PROTECTOR

The best-known, most widely-used back protector. Composite construction with anatomically-shaped base and articulated top plates. The structure of this back protector is designed to dissipate the impact energy by spreading the impact forces over the entire surface area of the protector rather than through simple shock absorption. An aluminium honeycomb core provide the best shock absorption in relation to weight (30 grammes), thickness and cost. In addition, the ample open areas allows effective air flow for body heat and moisture to escape.

**SHIELD AIR** BACK PROTECTOR

Shield Air features articulated polypropylene outer plates with a micro honeycomb perforated structure. The whole back panel is widespread vented and it integrates also a RECCO® Rescue System reflector.

BAP BACK PROTECTOR

With a shape and armour system inspired by crustaceans and the armadillo, the BAP featured a composite structure, comprising an anatomically-shaped soft base and a series of articulated plates, each sized to provide the best distribution of impact forces and incorporating a low-memory, shock-absorbing polyurethane foam insert.