



**2021
BIKE WORKBOOK**

DAINESE

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2021
BIKE WORKBOOK

INSPIRED BY HUMANS

SINCE 1972



DAINESE MILESTONES



1971

The idea takes shape

The first drafts of the company logo were designed. The first logo featured a speed demon as a symbol of dynamism and rebellion.



1978

The first back protector in history

The collaboration with Barry Sheene led to the creation of the first back protector designed by Marc Sadler.



1985

The mobile clinic in the world

Collaboration began with Doctor Costa's Mobile Clinic.



1994

Back protectors for skiers too

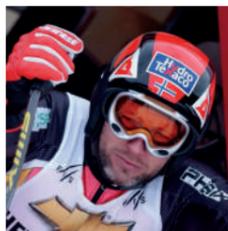
Kristian Ghedina, Deborah Compagnoni and the Italian National Team use Dainese back protectors at the World Cup for the first time. This was the first time that the back protector was introduced to the world of Winter Sports.



1999

MTB competitions

Dainese became increasingly popular in the world of mountain biking and became the byword for protection. Dainese provided the champions Shaun Palmer, Anne-Caroline Chausson and Cedric Gracia with its protection systems. Nicolas Vouilloz became World Downhill Champion for the seventh time and entered the history books of mountain-biking with Dainese.



2000

On the heads of champion skiers

The first Dainese ski helmet appears at the World Championship Series, developed with the assistance of the multiple title winner Lasse Kjus.



2005

Safety Partner on the slopes

Dainese became the "Safety Partner" of the Italian National Ski Team and D-Mobile provided assistance to skiers in the Alpine Skiing World Championship races.

1972

The first product

Dainese was founded at Molvena (Vicenza). The first article Dainese produced was a pair of motocross trousers.



1983

Protection for everyone

Back protectors, which up to that time were used only on the track, became available to the general public.



1993

D-Tec®

The Dainese Technology Centre (D-Tec®) is created, an R&D technical centre for the study of protective technology and the development of products for the market.



1994

No impact

The No Impact division was formed to bring Dainese know-how to other sports: MTB, snowboard and alpine skiing.



2000

D-air® is created

The prototype of the D-air® airbag for motorcyclists was developed together with the Israeli firm Merhav APP and presented in Munich.



2001

Mobile research

D-Mobile is created. This mobile research structure was an extension of the R&D department and visited race tracks around the world to identify and test the latest technological innovations.



2006

Sparks of passion

Special helmets and suits were created by the Dainese R&D Department for the "Sparks of Passion" event in which ice skaters played a key role in the magnificent choreography staged for the opening and closing ceremonies of the 20th Winter Olympic Games in Turin.



2011

The Beta International award

Following their success in the worlds of motorbikes, mountain bikes and skiing, Dainese decided to accept a new challenge and to bring the concept of safety to horse riding. The Dainese Equestrian Line was awarded a prize in the Safety & Security category by Beta International, the international event leader for the equestrian trade.



2012

The first prototype of the D-air® Ski was presented



2014

The D-air® was presented officially and used during trainings



2015

D-air® made its debut in WC races

D-air became the unmatched leader for airbag protection in the FIS Alpine Ski World Cup.



2016

New Zealand

The Dainese Group got onboard Emirates Team New Zealand for the 2017 America's Cup with the new Sea-Guard, essential gear for crew's protection while sailing.



2017

Dainese celebrates its 45th anniversary



2018

The prestigious Red Dot "Best of the Best Award" goes to the Dainese AWA (All Weather Activity) M1 jacket, acclaimed for its outdoor versatility and outstanding cross-functional performance.



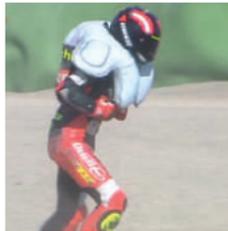
2018

Enduro Canyon Factory Racing Team wins the Enduro World Series 2018

2007

D-air® Racing

During the Valencia Grand Prix, the Dainese R&D department introduced D-air® Racing in full active form. During the practice sessions, a fall by Simone Grotzky saw the first airbag deployment.



2011

Ski safely

Dainese signed a three-year collaboration agreement with Fischer to introduce equipment aimed at significantly increasing safety on the ski slopes.



2013

Protection for astronauts

The collaboration between Massachusetts Institute of Technology (MIT) and Dainese continued to make astronaut's lives safer. Dainese had already passed the NASA supplier selection procedure for making special protective items which astronauts would wear inside their space suits.



2015

Dainese at the Venice Biennale

Dainese exhibits its innovative technologies at the 56th Venice Biennale. The company presents the D-air®, the motorcyclists' airbag, and Biosuit®, its pressurized suit for astronauts.



2015

ESA

The Danish ESA astronaut Andreas Mogensen tested the SkinSuit and brought Dainese for the first time in the space.



2016

Danny Hart - Downhill MTB World Champion

Dainese returned at the top of the Downhill MTB scenes thanks to Danny Hart who won the title in Val di Sole.



2018

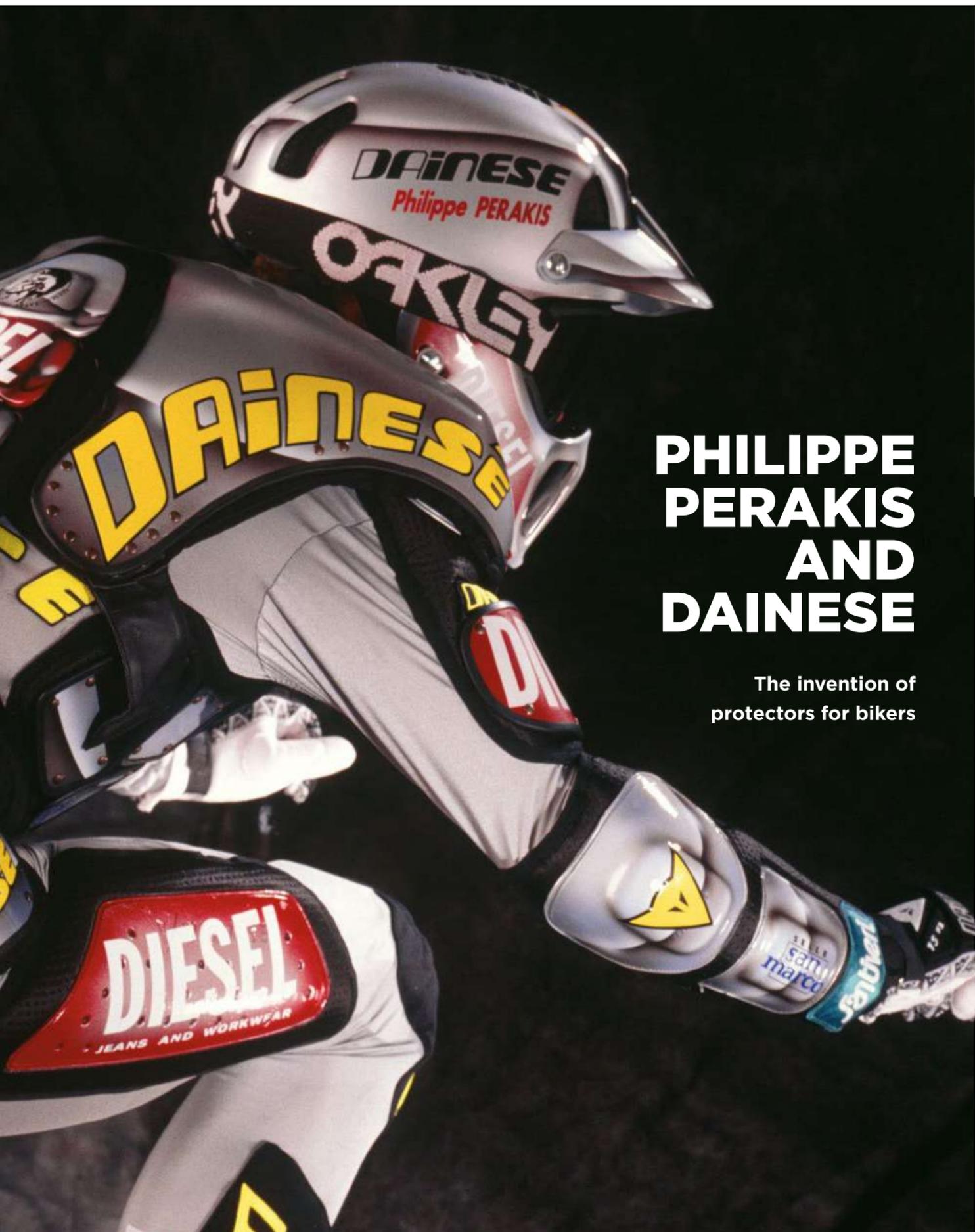
Dainese ski racers Matthias Mayer (Super-G) and Sofia Goggia (Downhill) both strike Gold in the Olympics, pushing the performance envelope with the advanced protection of Dainese's D-air® Ski airbag technology.



2019

D-air® Ski Evolution available for consumers





PHILIPPE PERAKIS AND DAINESE

The invention of protectors for bikers



The history of Dainese in mountain bike started at the **beginning of the '90s**. Philippe Perakis, a young athlete in this newborn sport, showed up at the Dainese booth at the Köln motorbike show, asking to speak with Mr. Lino.

He carried a motorbike protector, a Dainese safety jacket. But, with his mother's help, he adapted it applying **additional carbon-fiber plates**. Although being a homemade experiment, this represented the expression of the rising need for protection. Consider that, back then, what was available to riders was something like a cross country bike. The travel of the suspensions was limited, if not completely absent, yet speeds were already high: there was the **need to adapt apparel accordingly**.

Perakis found in Dainese a breeding ground and a long and fruitful collaboration was established. The need of an athlete coupled with Lino's intuition soon led to the creation of a **one-piece suit specifically meant for downhill**: the Overboost.

This new suit was a combination of lycra and **composite protectors** on more exposed areas: shoulders, elbows, knees, thighs, the chest and the neck. The back protector was introduced since the very beginning, as it was used in the motorbike world since '79 and was already at its second generation.

Perakis soon gained notoriety, making his extravagant look and the way he dressed up one of his hallmarks. He looked like **somebody brought from space into the mountain bike environment**. That is why a few called him "the astronaut". His performance made the news. Feats unconceivable until then without proper equipment.

Philippe was the first one to **exceed 100 km/h on a mountain bike**. He made it at the legendary **Mammoth Kamikaze**, the race at Mammoth Mountain in California.

The Kamikaze was established at the end of the '80s and everybody remembers it as one of the craziest downhill races. Riders threw themselves down the mountain's peak, 3000 meters high, along fire roads, riding bikes that had the most basic suspension ever.



Among other achievements, Perakis made history **touching 200 km/h in Vars**, France, always protected by Dainese. The fact that protection was absolutely necessary and it proved not to affect performance, soon convinced many others to wear the Dainese brand.



In 1995, the Mountain Bike World Championship took place on September 19th in Germany, in Kirchzarten. **Nicolas Vouilloz**, 19 years old back then, beat the competition and **won the first of seven Downhill Elite world titles**, counting already three in the Junior Championship.

Vouilloz was the first champion to wear Dainese and was the one who brought the brand to the fore on the downhill international scene.

At the end of the '90s and in the early 2000s, all top riders wore the Speed Demon. From **Fabien Barel to Cedric Gracia**, from **Shaun Palmer to Anne Caroline Chausson**. It was with this momentum that a complete range of protectors was developed.

Mountain bike was becoming one of the most important action sports, facing a fast and relentless evolution that turned bikes just a few years old out-of-date already.

Apparel, and protectors in particular, had to keep up. These were the reasons that led to move from simple protectors used in the very beginning to more **advanced technologies**.

Jointed knee guards, ever more comfortable, light and effective safety jackets, new solutions and cutting-edge materials resulting from research and scientific studies. In some cases, this process led to the **introduction of soft protectors instead of hard ones**, to put athletes in the best condition and fulfill top riders' every little request. Those of champions are always fundamental indications, also for mass production. They enable everybody to benefit from their intuitions.



As often happens, it is from basic prototypes that great ideas are born. Motorbike world champions used old visors as their knee sliders. Perakis rethought a motorbike protector, adjusting it at home with his mother's help. After all, it is always like this. Inspirations that change the evolution of a sport and **enthusiasts' minds forever**, often come from the most extreme testing grounds, from competitions at the highest levels.

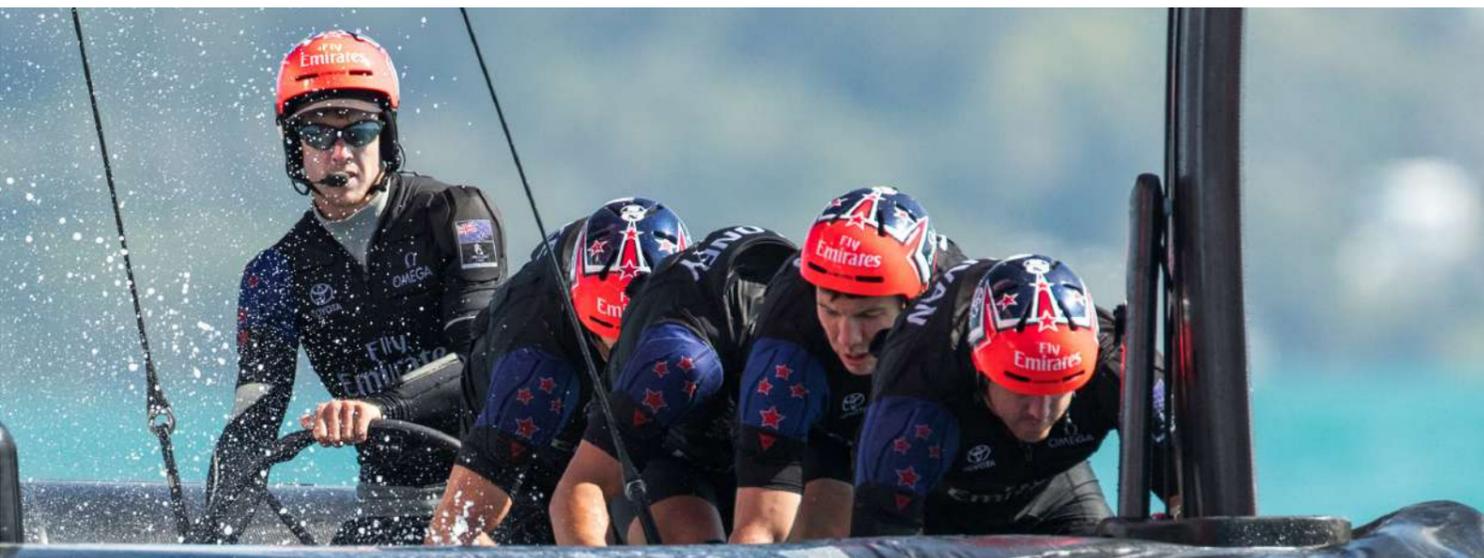


FROM MOTOGP TO THE AMERICA'S CUP

The Dainese safety jackets for
Emirates Team New Zealand's champions

What do a MotoGP motorbike, which easily exceeds 300 km/h on a racetrack, and a 25-meter single-mast boat taking part to the America's Cup have in common? Besides being at the top of technologic evolution in their field, requiring preparation and unusual skills, inspiring millions of enthusiasts since forever... apparently nothing. Yet touchpoints are many more than what you can imagine: for example, falling into the water at 40 knots (about 80 km/h) is like falling on the tarmac and it can cause the same damage as a highside on the track.

In 2016, Dainese headquarters got a phone call. It was Max Sirena, Technical Advisor at Emirates Team New Zealand and former Luna Rossa skipper. Max is passionate about motorbikes and knows the Speed Demon very well. He knows that in Vicenza there is somebody that can help him and his guys in protecting themselves.



A new need to push limits

The synergy was born naturally. After all, this is not the first time that Dainese brings protection in a new sport. Here, in sailing, nobody or almost no one has ever felt the need to move in this direction. Although, relying on more and more performing boats, speed increases. And risks together with it. Once again, for this sport to evolve, it is necessary to provide technical support, not only to these means that defy the laws of physics, but also to athletes.

The wealth of technology and experience acquired since the '70s is important, yet the approach is fundamental. You can start from something you already have and develop it for the protection needs expressed by a team of sailors. Dainese and Emirates Team New Zealand study all the solutions adopted by ski and bike athletes, looking for anything that can be a solid starting point. To be developed according to the specific needs of athletes at sea.

Soft protectors seem to be the best choice because of their flexibility, weight and compact size. Rhyolite Safety Jacket, a downhill protective vest, is the perfect product to start from. Light, ergonomic and able not to limit gestures. Some samples are directly shipped to New Zealand and immediately tested to understand what can be optimized.

New product challenges

If impact protection is one of the aspects Dainese has always been working on, the first challenge is floatation. This is a key aspect for a racing boat's crew, clearly not for a biker. Emirates Team New Zealand and the Dainese R&D department in Italy work as a team, coming up with a solution that sees the application of floating pads on the inside of the back protector and on the chest.

After this modification, the greatest issue is to obtain optimal fit and freedom of movement. The development of a performing protector is quite easy; developing one that is safe, light and comfortable requires studies and a much more advanced use of technologies. Only the achievement of these objectives makes it possible to equip best and most-demanding athletes in the world with your products. The new vests for the team are tailor- and handmade, to provide customized and specific support to each athlete. This is how Sea-Guard was born, the first protective vest developed for America's Cup athletes.

The first version of Sea-Guard features a protective hump on the back, a technological solution inspired by MotoGP suits. In this case, main characteristics are aerodynamic performance and floatation. Moreover, inside the hump, a space is made to host the communication system or an oxygen tank. After several tests in racing conditions, later versions are adjusted, choosing a different solution. The hump is substituted by a hydration bag, that enables the athlete to drink without taking a break, maintaining concentration and physical efficiency at its best. It is however fundamental for the crew to have an oxygen tank and an intercom to communicate with teammates and the racing director, together with a knife to cut ropes and nets in case of emergency. After removing the hump, specific pockets for each of these accessories have been created, choosing the best positioning to make them easily accessible, while not compromising freedom of movement.

Sea-Guard wins

It is like this, equipped with the Dainese Sea-Guard, that Emirates Team New Zealand shows up at the America's Cup finals against Oracle Team USA and wins. A story of vision, of a worldwide excellence that first understood this rising need in an evolving sport.

Motorcycling and sailing are not so far away, in the end.





FABIEN BAREL “IT’S JUST AS I DREAMED AS A CHILD”

Passion, success and growth according
to a three-time world champion

“No no, Alex wait! I’ll go back up and redo it.”

Another go, another burst of snaps. Fabien Barel is a perfectionist. He demands the best from everything and everyone, especially from himself. If the bike doesn’t lean enough, if the body is not in the right position, it has to be redone.

Three times downhill world champion, the first time as a junior in 1998 then as an elite rider in 2004 and 2005. Friends call him Fab, and he considers himself lucky.

“I’m basically passionate. I love everything about mountain biking and I’m the kind of person who gives everything to their passion. It’s the perfect sport for me, a great mix of speed, nature, adrenaline and effort.”

The Ligurian woods overlooking the sea on a mild January day are the best setting to learn more about one of the mountain biking athletes and most influential personalities of the 1990s and 2000s.



“It’s all really wonderful, just as I dreamed as a child. I live out my passion, travel the world, get to know new people and fantastic cultures. I couldn’t ask for more. Mountain biking is a sport that teaches you a lot, first of all humility. As a professional, you more often have to deal with failures than successes, and this is what people usually don’t see. It’s the failures that let you grow. That’s why humility is essential. Success, too, is different from what you might imagine. Of course, there’s a lot of emotion, but the most prevalent one is relief. Getting on the top step of the podium and wearing the rainbow jersey rewards all your efforts and it makes you feel unique because of all the emotions you give to those around you.”

DEMONEROSSO

The Dainese Journal

Fabien gets emotional as he speaks. It's clear to see that he really loves this world. But also, that he's not like most people. He gets on the bike, straps his feet on the pedals and, from behind the mirrored lens of his sunglasses, a fire can be glimpsed that's usually unseen in ordinary people. His expression changes and becomes serious, showing a level of concentration that's rarely found.

“Mental strength is what really makes the difference. Talent helps, but it's only the cherry on the cake. You need a mindset that can help you identify and go over that subtle line, beyond which you set your head on fire and concentration really reaches a higher level. It's only then that you are able to give it your all, take the necessary risks and express your full potential. Don't think that I'm not afraid! I'm always scared when I'm riding. The key is how you confront fear. I adore riding to the limits. That's what gives me an adrenaline rush and brings me satisfaction.”

More than twenty years at sky-high levels and no intention of giving up. Any excuse is good to get back on the bike. You'd think he wouldn't have much more to learn by now.



“Are you serious? Every time I get on the bike I try to learn something new. There are tons of things I don't know how to do on a bike yet. Growing is living, and it's the reason why opponents respect each other so much, at our level of racing. I competed against Nico Vouilloz, Steve Peat and Sam Hill. Together we experienced some incredible moments. I did all I could to defeat them and they did the same. There's nothing better. But the point is that we have grown together.”

In the meantime, Fab plays with the bike, jumps, looks for the best stance. He's a genuine boy who grew up in the woods with scraped knees and dirt on his hands. He's here to work and is serious about it, but you soon understand that pushing the bike uphill for another go isn't a big deal for him. He's the Dainese face of mountain biking.

“To be honest, this story has even deeper roots. I've been wearing Dainese protectors since the 1990s. Their technology was state-of-the-art even then. Our collaboration resumed a few years ago, but from now on I'll be even more involved. Developing new protectors will be a priority in my work. The new products really are of the highest level, and we want to keep on pushing more and more to improve athletes' protection. Dainese's mission is to increase safety, so that sports' limits can be pushed a little bit further. It's an essential element and I'm proud to be part of it.”

Will you ever stop biking?

“No, never.”



SOPHIE RIVA



ANDREA GARELLA



MICHEL ANGELINI



LORENZO MASCHERINI



**HG TSINGY LS
ANCILLOTTI
VERSION**



**HG GRYFINO
SHORTS**



RIVAL PRO VEST

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**TRAIL SKINS PRO
KNEE GUARD**

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TRAIL SKINS PRO TEE

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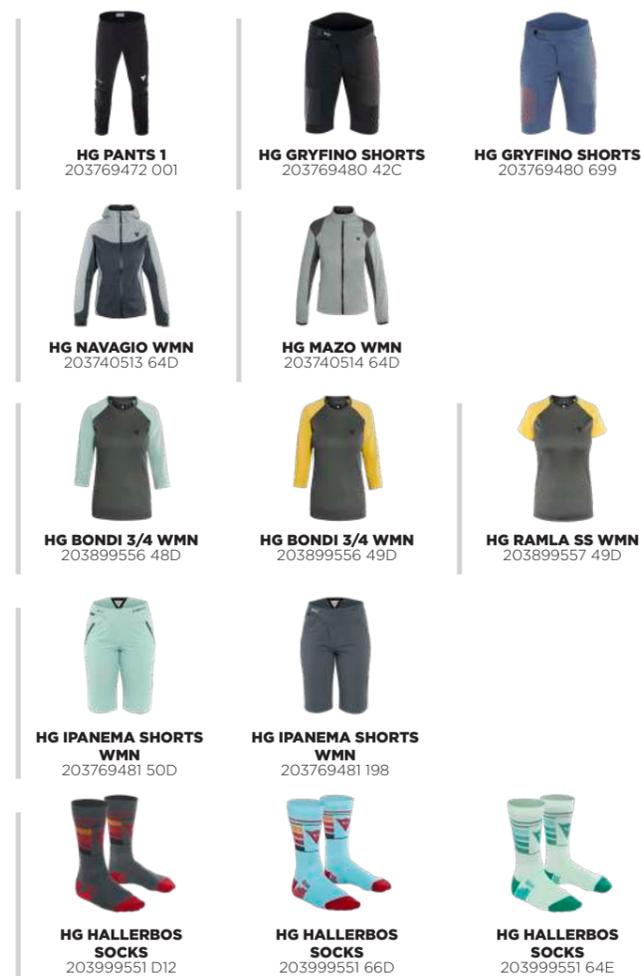
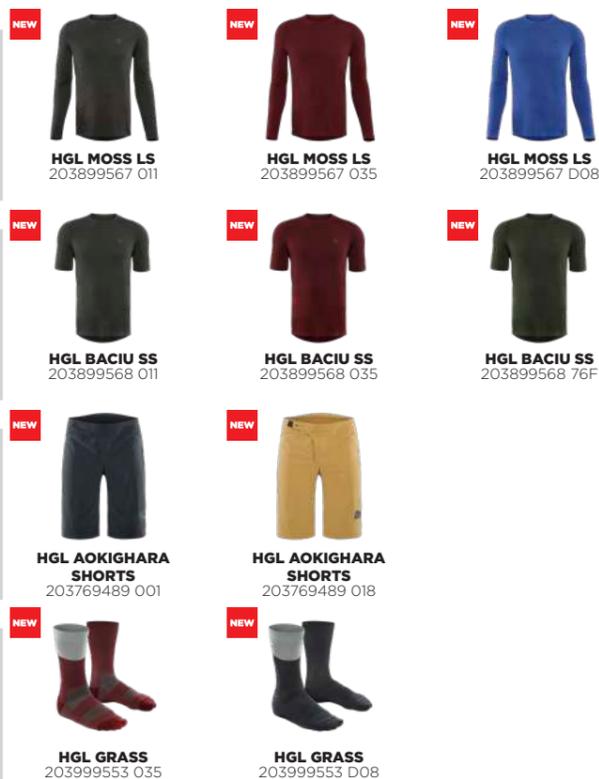


**TACTIC GLOVES
EXT**

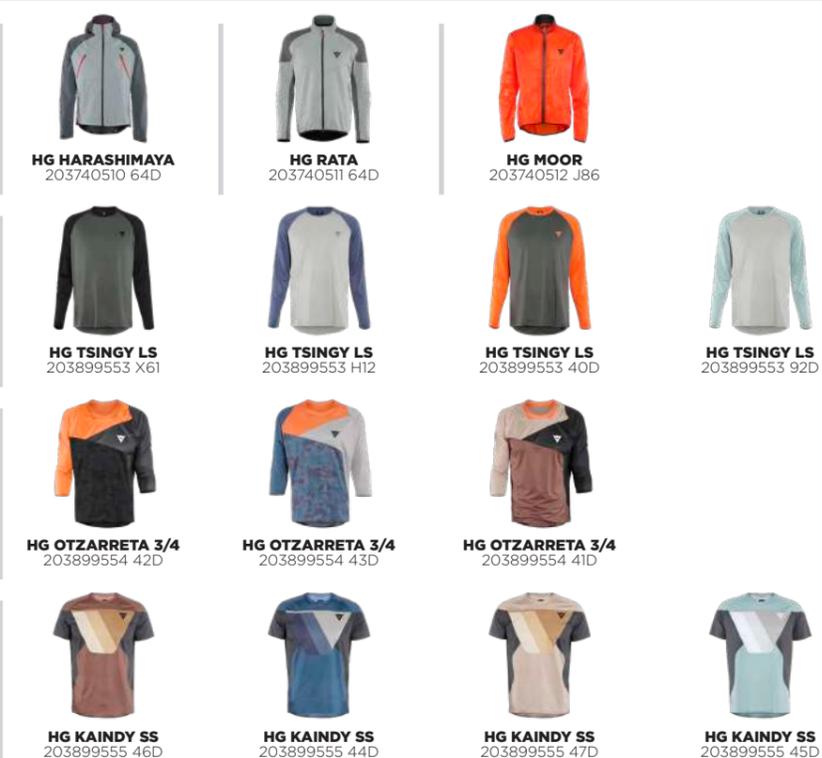
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HIGH GRAVITY - LIGHTNESS



HIGH GRAVITY



GLOVES



SAFETY

 TRAIL SKINS PRO KNEE GUARDS 203879717 001	 TRAIL SKINS PRO ELBOW GUARDS 203879718 001				
NEW  TRAIL SKINS AIR KNEE GUARDS 203879724 001	NEW  TRAIL SKINS AIR ELBOW GUARDS 203879725 001	NEW  TRAIL SKINS LITE KNEE GUARDS 203879726 001			
NEW  TRAIL SKINS PRO TEE 203879727 001	NEW  TRAIL SKINS AIR VEST 203879728 001	NEW  TRAIL SKINS SHORTS 203769492 001			
 ENDURO KNEE GUARD 2 203879722 001	 ARMOFORM PRO KNEE GUARDS 203879719 001	 ARMOFORM PRO ELBOW GUARDS 203879720 001	 ARMOFORM KNEE GUARD LITE EXT 203879691 001	 ARMOFORM ELBOW GUARD LITE 203879692 001	
 RIVAL VEST PRO 203879721 001	 HUMPBACK H2O 203999552 999	 RIVAL PRO SHORTS 203769487 001			
 RHYOLITE 2 SAFETY JACKET 203879689 001	 RHYOLITE 2 SAFETY JACKET LITE 203879696 001				

SCARABEO

NEW  SCARABEO PRO KNEE GUARDS 203879729 001	NEW  SCARABEO PRO ELBOW GUARDS 203879730 001	
NEW  SCARABEO PRO TEE 203879731 001	NEW  SCARABEO AIR VEST 203879732 001	NEW  SCARABEO SHORTS 203769491 606
 SCARABEO GLOVES 203819273 587		

MERCHANDISING

 SPEED DEMON T-SHIRT 201896742 615	 SPEED DEMON T-SHIRT 201896742 606	 DAINESE T-SHIRT 201896745 622	 DAINESE 9FIFTY WOOL SNAPBACK CAP 201990004 001	 DAINESE CUFF BEANIE 201990059 001
 D-RIG WHEELED BAG 201980064 W01	 D-CABIN WHEELED BAG 201980071 W01	 D-THROTTLE BACKPACK 201980070 W01	 D-GAMBIT BACKPACK 201980061 W01	



MADE TO PEDAL

BORN TO RIDE FREE

Dainese has completely eliminated the concept of segmentation by discipline. MTB protectors and apparel are created not just for enduro, trail or all-mountain biking, but to guarantee maximum freedom of movement even during longer rides, in total safety.

This approach is based on greater lightness, breathability and comfort when pedaling. Garments and protectors are designed for long rides, ensuring maximum freedom of movement on the saddle, from the steepest slopes to the most technical, uneven descents.

The most effective protector is freedom.



HG L



SUPERIOR LIGHTNESS
EXTREME BREATHABILITY

The latest technological innovations, finest materials and superior Dainese protection allow to ride always beyond the known limits.

- 26 HGL MOSS LS
- 27 HGL BACIU SS
- 28 HGL AOKIGHARA SHORTS
- 29 HGL GRASS

HGL MOSS LS

PART NUMBER	SIZES	
203899567	XS/S - XL/XXL	HGL MOSS LS is a long-sleeved shirt in hybrid polyamide/polypropylene yarn that is very soft and cool. Its particular construction offers hydrophilic properties on the inside, absorbing sweat and facilitating its release to keep the body dry. The outer side has hydrophobic properties, keeping any sweat and dampness out of the shirt. The knitted structure ensures maximum elasticity, adapting to any physique and allowing freedom of movement during every riding phase. The fabric has been mapped and engineered so as to offer a looser weave on the sleeve, armpit and stomach. This encourages any dampness to escape and favors heat exchange in the areas most prone to sweating.



COLOR VERSIONS



011
anthracite

035
bordeaux

D08
dark blue

FEATURES

- Crew neck
- Long sleeves
- Hybrid yarn construction for a better moisture management
- Knit body mapped construction

MATERIALS

- Hybrid yarn construction for a better moisture management
- Knit body mapped construction

HGL BACIU SS

PART NUMBER	SIZES	
203899568	XS/S - XL/XXL	HGL BACIU SS is a short-sleeved shirt in hybrid polyamide/polypropylene yarn that is very soft and cool. Its particular construction offers hydrophilic properties on the inside, absorbing sweat and facilitating its release to keep the body dry. The outer side has hydrophobic properties, keeping any sweat and dampness out of the shirt. The knitted structure ensures maximum elasticity, adapting to any physique and allowing freedom of movement during every riding phase. The fabric has been mapped and engineered so as to offer a looser weave under the armpits and on the stomach, encouraging any dampness to escape and favoring heat exchange in the areas most prone to sweating.



COLOR VERSIONS



011
anthracite

035
bordeaux

76F
dark green

FEATURES

- Crew neck
- Short sleeves
- Hybrid yarn construction for a better moisture management
- Knit body mapped construction

MATERIALS

- Hybrid yarn construction for a better moisture management
- Knit body mapped construction

HGL AOKIGHARA SHORTS

PART NUMBER	SIZES
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203769489	XS - XXL
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The HGL AOKIGHARA shorts are the lightest and most breathable, conceived to ensure the utmost comfort and freedom of movement on even the longest of rides. They ensure excellent abrasion- and tear-resistance given their Ripstop nylon structure, elasticated in four directions. The anatomical construction of the back helps to hold the shorts in position and prevent any slippage, however steep the ascent. The thighs are free to move given the specifically designed structure that supports the ride. The innovative HookFit fastening system allows the rider to adjust the fastening and fit of the shorts with one simple movement so that they can stay focused on the only thing that counts. The path ahead.



COLOR VERSIONS



001
black



018
sand

FEATURES

Back anatomic profile

Front pockets

MATERIALS

OUTER GARMENT - 92% Nylon,
8% Elastam

HGL GRASS

PART NUMBER	SIZES
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203999553	S - L
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The MTB HGL GRASS socks feature an exclusive seamless construction, which allows the sock to remain firmly in place without causing any discomfort or distraction during the longest, toughest rides. Their hybrid structure, in very soft, cool polyamide and polypropylene, is hydrophilic on the inside which absorbs sweat and facilitates its release, keeping the body dry. The outer side has hydrophobic properties, keeping any sweat and dampness out of the shirt. The knitted structure ensures maximum elasticity, adapting to any physique and allowing freedom of movement, even during the most intense activity.



COLOR VERSIONS



035
bordeaux



D08
dark blue

FEATURES

Medium cut

Reinforced heel and toes sections

Seamless performance enhancer
construction



HG

Born on the World Cup trails in collaboration with world-class athletes, developed to give every rider the confidence to express everyday their full potential on the bike.

The latest technological innovations, finest materials and superior Dainese protection allow to ride always beyond the known limits.

- 32 HG HARASHIMAYA
- 33 HG RATA
- 34 HG MOOR
- 35 HG TSINGY LS
- 36 HG OTZARRETA 3/4
- 37 HG KAINDY SS
- 38 HG PANTS 1
- 39 HG GRYFINO SHORTS
- 40 HG NAVAGIO WMN
- 41 HG MAZO WMN
- 42 HG BONDI 3/4 WMN
- 43 HG RAMLA SS WMN
- 44 HG IPANEMA SHORTS WMN
- 45 HG HALLERBOS SOCKS

HG HARASHIMAYA

PART NUMBER	SIZES
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203740510	XS - XXL
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Feel free to explore and discover new paths, in all weather and on any terrain. This jacket has been designed and developed together with the athletes of the Canyon Factory Racing team to meet the needs of every rider. It's made of a four-way elasticated tear-resistant fabric combined with a waterproof, highly breathable membrane, ensuring freedom of movement and extreme weather resistance. The adjustable hood is designed to be worn under your helmet in driving rain. The air vents under the biceps and laser cuts increase ventilation, providing the utmost confidence on even the hottest days. Two large pockets offer quick access to the chest, so that items and accessories remain within easy reach, while the large back pocket is designed to hold a map or gloves when not in use.



FEATURES

- Water Column 10.000 mm
- 4 Way stretch
- Cuffs regulation
- Embedded drawstring components
- Fitted hood to be worn under the helmet
- Fully seam sealed
- Laser cut air ventings
- Side Armpit air ventings
- Standard Fit
- Waterproof zippers

MATERIALS

- 50% Polyester 50% Polyurethan (Outer Layer)
- 84% Nylon 16% Elastane (Lining)

COLOR VERSIONS



64D
gray/dark gray

HG RATA

PART NUMBER	SIZES
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203740511	XS - XXL
-----------	----------

This is the ideal intermediate layer for training in spring and fall due to an exclusive hybrid structure that offers both protection from wind and ventilation depending on the torso area. The bands on the stomach and kidney areas add a special membrane to the main fabric for protection from wind downhill and the coldest weather. The back and inner arms are made of a lighter, breathable fabric, for perfect ventilation at all times when riding, even with a backpack. Close-fitting with elasticated cuffs, it provides a great fit and prevents bothersome flapping at high speeds. HG RATA adapts perfectly to use over a jersey and under a waterproof shell. It has been designed to provide maximum comfort both downhill and on climbs.



FEATURES

- Windproof integrated front membrane
- Body-mapped areas for moisture management
- Elasticated cuffs
- Light breathable back construction
- Slim Fit

MATERIALS

- 84% Polyester 14% Polyurethan (Outer layer)
- 96% Polyester 4% Elastane (Lining)

COLOR VERSIONS



64D
gray/dark gray

HG MOOR

PART NUMBER	SIZES
-------------	-------

203740512	XS - XXL
-----------	----------

Highly packable minimalist jacket that resists wind and unforeseen weather changes. Thanks to its ultra lightweight DWR treated fabric the jacket stows away into an inner pocket reducing it to a minimal pack size making it the perfect emergency layer for cool mountain summits, cold descents or as a last resort backup for sudden light showers. The low profile collar with lycra gusset and micro-brushed inside adapt snugly to the neck's girth sealing out the weather without chafing or restricting movement. The sleeves are pre-shaped with seam darts for riding comfort and to reduce any fabric flapping.



COLOR VERSIONS



J86
cherry tomato

FEATURES

- DWR coated for added water repellency
- Stuffs into inner pocket
- Ultra-lightweight
- Windproof

MATERIALS

100% Nylon C6 DWR 32 g/m² fabric with cire finish

HG TSINGY LS

PART NUMBER	SIZES
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203899553	XS - XXL
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Jerseys in the Dainese HG line are designed and developed together with the Canyon Factory Racing Enduro and Downhill teams to offer every rider the possibility to express their full potential and keep pushing beyond their limits. The HG TSINGY features hybrid construction combining high resistance with great breathability, so that riders are supported on the most demanding trails. The long, reinforced sleeves are designed to withstand falls and collisions with objects and vegetation along the way, while the torso section feels soft and is highly breathable, created to allow a constant feeling of freshness even when you're wearing a backpack or belt bag. The standard fit, crew neck and elasticated cuffs ensure perfect comfort, to help you give your utmost on every stretch of road.



COLOR VERSIONS



X61
dark gray/black



H12
light gray/blue



40D
dark gray/orange



92D
light gray/warm gray

FEATURES

- Hybrid construction
- Crew neck
- Elasticated cuffs
- Long sleeves
- Standard Fit

MATERIALS

13% Elastane
87% Polyester

HG OTZARRETA 3/4

PART NUMBER	SIZES	
203899554	XS - XXL	Jerseys in the Dainese HG line are designed and developed together with the Canyon Factory Racing Enduro and Downhill teams to offer every rider the possibility to express their full potential and keep pushing beyond their limits. The HG OTZARRETA is designed for use in settings like Enduro and All Mountain. It features hybrid construction and ¾ sleeves that are reinforced to withstand falls and collisions with objects and vegetation along the way. The more open, lighter weave of the fabric on the torso allows for constant ventilation that's perfect even on the hottest days.



COLOR VERSIONS

FEATURES

- Hybrid construction
- ¾ Sleeves
- Crew neck
- Elasticated cuffs
- Standard Fit

MATERIALS

100% Polyester interlock stretchable fabric
85% Polyester 15% Elastane (Chest)



42D
camo gray/dark gray



43D
camo blue/light blue



41D
dark sand/black

HG KAINDY SS

PART NUMBER	SIZES	
203899555	XS - XXL	Jerseys in the Dainese HG line are designed and developed together with the Canyon Factory Racing Enduro and Downhill teams to offer every rider the possibility to express their full potential and keep pushing beyond their limits. The HG KAINDY is designed to feel fresh and pass unnoticed on the skin, making it an ideal layer for the hottest summer days when breathability and ventilation really make a difference, giving you the comfort and confidence you need to achieve your best performance.



COLOR VERSIONS

FEATURES

- Crew neck
- Short sleeves
- Standard Fit

MATERIALS

85% Polyester 15% Elastane (Chest)



46D
dark sand/dark gray



44D
blue/dark gray



47D
sand/dark gray



45D
warm gray/dark gray

HG PANTS 1

PART NUMBER	SIZES
203769472	XS - XXL

"The most durable rugged pants in our range, but still exceptionally light and stretchy when compared with traditional downhill pants. Abrasion resistance is enhanced by a ripstop-woven 120 g/sq. m fabric and panels in SuperFabric® - an innovative ceramic-coated low friction material that's ideal for fending off scuffs and scrapes from rock, brush and debris. SuperFabric® won't snag like knitted fabrics, which is especially important in helping protect against the additional injuries caused by material catching or pulling. Developed with the contribution of pro athletes, these pants are cut to perform, with a sharp taper below the knee and a narrow ankle, while still providing plenty of room to accommodate a pair of gravity pads like the Armorform underneath. An elasticated crotch and lower back inserts maximize comfort, following the rider's every movement, while an adjustable waist strap provides a customized fit."



COLOR VERSIONS

FEATURES

- Adjustable waist straps
- DWR coated for added water repellency
- Elasticated lumbar and crotch inserts
- SuperFabric® reinforcement panels in key abrasion areas
- Tapered below the knee

MATERIALS

90% Nylon - 10% Spandex 4way stretch DWR 230 g/m² fabric
SuperFabric®



001
black

HG GRYFINO SHORTS

PART NUMBER	SIZES
203769480	XS - XXL

Ergonomics, breathability, comfort and practicality, for performance worthy of champions wherever you ride. These shorts are made of highly breathable four-way elasticated nylon. This fabric follows the rider's movements perfectly, both when pedaling and downhill, to guarantee great freedom of movement and ventilation, like a genuine second skin. Exclusive HookFit™ technology means that the shorts can be fastened and the waist adjusted in a single, simple movement. The large side pockets with zippers offer convenient storage for small items and even a multi-tool. The practical right thigh pocket is ideal for a map, smartphone or energy bar. The Dainese HookButton™ system allows you to attach HG CADD0 gloves when you prefer to tackle climbs without them in warmer weather. They offer practical innovation for your best performance.



COLOR VERSIONS

FEATURES

- 4 Way stretch
- Hook Botton™ Gloves fastener
- Hook Fit™ Closure
- Map pocket
- Smartphone pocket

MATERIALS

89% Nylon
11% Polyurethane



42C
black/dark gray



699
blue/orange

HG NAVAGIO WMN

PART NUMBER	SIZES
203740513	XS - XXL

Feel free to explore and discover new paths, in all weather and on any terrain. This women's jacket has been designed and developed together with the athletes of the Canyon Factory Racing team to meet the needs of every rider. It's made of a four-way elasticated tear-resistant fabric combined with a waterproof, highly breathable membrane, ensuring freedom of movement and extreme weather resistance. The adjustable hood is designed to be worn under your helmet in driving rain. The air vents under the biceps and laser cuts increase ventilation, providing the utmost confidence on even the hottest days. Two large pockets offer quick access to the chest, so that items and accessories remain within easy reach, while the large back pocket is designed to hold a map or gloves when not in use.



FEATURES

- Water Column 10.000 mm
- 4 Way stretch
- Cuffs regulation
- Embedded drawstring components
- Fitted hood to be worn under the helmet
- Fully seam sealed
- Laser cut air ventings
- Side Armpit air ventings
- Standard Fit
- Waterproof zippers

MATERIALS

- 50% Polyester 50% Polyurethan (Outer Layer)
- 84% Nylon 16% Elastane (Lining)

COLOR VERSIONS



64D
gray/dark gray

HG MAZO WMN

PART NUMBER	SIZES
203740514	XS - XXL

This is the ideal intermediate layer for training in spring and fall due to an exclusive hybrid structure that offers both protection from wind and ventilation depending on the torso area. The bands on the stomach and kidney areas add a special membrane to the main fabric for protection from wind downhill and the coldest weather. The back and inner arms are made of a lighter, breathable fabric, for perfect ventilation at all times when riding, even with a backpack. The snug fit, designed specially for women in collaboration with World Cup riders from the Canyon Factory Racing team, and elastic cuffs provide excellent wearability while preventing bothersome flapping at high speeds. HG MAZO is perfect to layer over a jersey or under a waterproof shell, offering maximum comfort while riding both uphill and downhill.



FEATURES

- Windproof integrated front membrane
- Body-mapped areas for moisture management
- Elasticated cuffs
- Light breathable back construction
- Slim Fit

MATERIALS

- 84% Polyester 14% Polyurethan (Outer layer)
- 96% Polyester 4% Elastane (Tessuto interno)

COLOR VERSIONS



64D
gray/dark gray

HG BONDI 3/4 WMN

PART NUMBER	SIZES	
203899556	XS - XXL	Dainese HG jerseys are developed in collaboration with athletes from the Canyon Factory Racing Enduro and Downhill teams to give every rider the chance to reach their full potential and push beyond their limits. The HG BONDI is designed for Enduro and All Mountain use. It features hybrid construction and ¾ sleeves that are reinforced to withstand falls and collisions with objects and vegetation along the way. The more open, lighter weave of the fabric on the torso allows for constant ventilation that's perfect even on the hottest days.



COLOR VERSIONS



48D
dark gray/water

49D
dark gray/yellow

FEATURES

- Hybrid construction
- 3/4 Sleeves
- Crew neck
- Elasticated cuffs
- Standard Fit

MATERIALS

- 13% Elastane
- 87% Polyester

HG RAMLA SS WMN

PART NUMBER	SIZES	
203899557	XS - XXL	Dainese HG jerseys are developed in collaboration with athletes from the Canyon Factory Racing Enduro and Downhill teams to give every rider the chance to reach their full potential and push beyond their limits. The HG RAMLA is designed to feel fresh and pass unnoticed on the skin. An ideal layer for the hottest summer days when breathability and ventilation are crucial for performance-driven confidence and comfort.



COLOR VERSIONS



49D
dark gray/yellow

FEATURES

- Hybrid construction
- Crew neck
- Elasticated cuffs
- Short sleeves
- Standard Fit

MATERIALS

- 13% Elastane
- 87% Polyester

HG IPANEMA SHORTS WMN

PART NUMBER	SIZES	
203769481	XS - XXL	Ergonomics, breathability, comfort and practicality, for performance worthy of champions wherever you ride. These shorts, developed in collaboration with the World Cup athletes of the Canyon Factory Racing teams, are made from highly breathable, four-way stretch nylon that moves with the rider like a second skin during pedaling and descents, guaranteeing freedom of movement and air flow. Exclusive HookFit™ technology means that the shorts can be fastened and the waist adjusted in a single, simple movement. Large side pockets with zippers are convenient for smartphones, wallets, small objects and even a multi-tool, while a practical pocket on the right thigh is ideal for a map or an energy bar. The Dainese HookButton™ system allows you to attach HG CADDO gloves when you prefer to tackle climbs without them in warmer weather. Innovation and practicality are put to the service of the best performances.



COLOR VERSIONS

FEATURES

- 4 Way stretch
- Hook Botton™ Gloves fastener
- Hook Fit™ Closure
- Map pocket
- Smartphone pocket

MATERIALS

- 89% Nylon
- 11% Polyurethane



50D
water



198
dark gray

HG HALLERBOS SOCKS

PART NUMBER	SIZES	
203999551	S - L	Enjoy maximum comfort and breathability, for superior performance. HG HALLERBOS seamless socks are made from a single thread, making them extremely light and allowing the thickness to vary. This means that the areas most subject to wear, such as heel and toes, can be reinforced and the breathability is increased where it's needed most - shin, instep, and sole. The medium size is perfect for a range of uses, from Trail to Downhill.



COLOR VERSIONS

FEATURES

- Reinforced heel and toes sections
- Seamless construction

MATERIALS

- 90% Polyester
- 10% Elastane



D12
dark gray/red



66D
light blue/red



64E
light green/green



GLOVES

- 48 TACTIC GLOVES EXT
- 48 TACTIC GLOVES
- 49 HG CADDO

TACTIC GLOVES EXT

PART NUMBER	SIZES
203819272	XXS - XXL

Aggressive rides need unrestricted protection. The extended version of the Tactic gloves provides the riders with an extra pad all over the back hand, ensuring the rider to feel safe and strightly connected with the bars thanks to the pre-curved micro-injected knuckle construction.



FEATURES

- High strenght syntetic fabric palm
- Silicone screen print on palm for better grip
- Slip-on design
- Widespread micro injected inserts on back hand

COLOR VERSIONS



631
black/black

TACTIC GLOVES

PART NUMBER	SIZES
203819271	XXS - XXL

Superior protection doesn't have to come at the cost of comfort or control. The minimalistic slip-on design and one-piece palm construction create a seamless connection from rider to bike while the flexible micro-injected outer knuckle pad protects from trailside obstacles without affecting mobility.



FEATURES

- High strenght syntetic fabric palm
- Micro injected knuckle inserts
- Silicone screen print on palm for better grip
- Slip-on

COLOR VERSIONS



631
black/black

HG CADDO GLOVES

PART NUMBER	SIZES
203819275	XXS - XXL

The perfect relationship between rider, bike, and trail. HG CADDO gloves are designed to guarantee that maximum sensation reaches the rider's hands. Only the thumb, index and middle fingers have silicone inserts, since they need greater grip. The palm is left free to feel the terrain at all times and to shift the hand's position on the handlebar. The wrist is equipped with the practical Dainese HookButton™ system, so that the gloves can be hooked conveniently and securely to the HG GRYPFINO and HG IPANEMA shorts during climbs on warmer days. Controlled performance is always at hand.



FEATURES

- High strenght syntetic fabric palm
- Hook Botton™ fastener
- Silicone screen print (thumb,forefinger, middle finger)
- Slip-on design
- Smartphone touch compatible

COLOR VERSIONS



001
black

51D
orange/
dark gray

009
gray

657
orange/
black

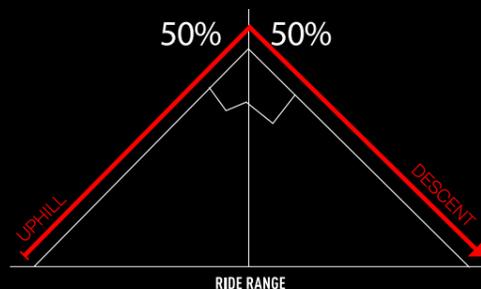


SAFETY

- 56 TRAIL SKINS PRO KNEE GUARDS
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- 71 RHYOLITE SAFETY JACKET LITE

AUXETICS FOR PERFECT PEDALLING

Natural patterns shape
protection into freedom

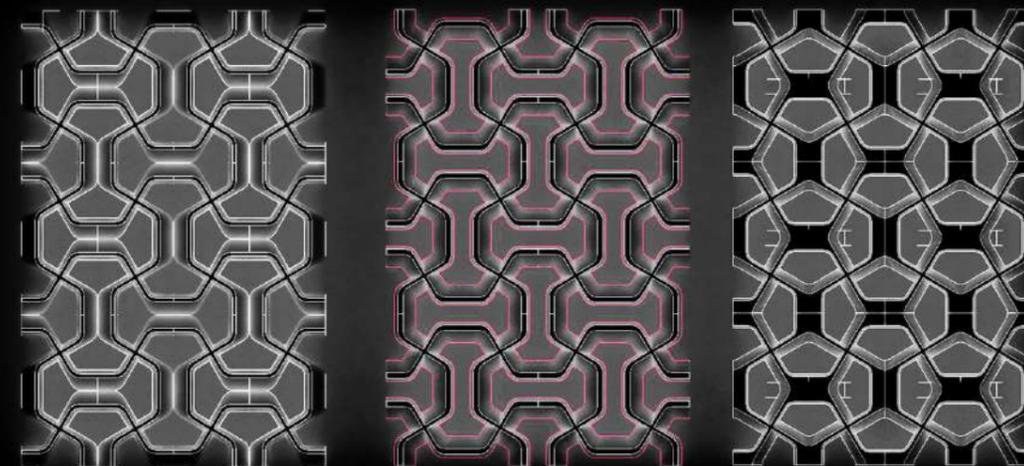


It is always a trade-off between protection and lightness, especially in mountain biking. Freedom of movement is critical to achieve highest performance and safety to express at your best. Finding the balance between protection and ergonomics can be challenging, yet it is necessary.

Nowadays bikes have become ever more performing, blending good uphill skills and great downhill features. Hence, apparel and protectors had to adapt to new trends and ways of conceiving mountain biking.

Inspiration from the natural world

Dainese has always had an exceptional muse: nature. Who better, over millions of years, has been able to find protective solutions? Since the early days of modern motorcycling, Dainese has been inspired by the natural world to design the most innovative protectors. Think about the first knee slider, the Porcupine, or the first back protector ever, reproducing the shell of a lobster. Also most recent models of protectors draw inspiration from the armor of the armadillo and the pangolin, and natural shapes of fractals.



Auxetic shapes in a knee guard

Mountain biking is no exception. Trail Skins Pro protectors are inspired by natural auxetic shapes. They are made of materials that, thanks to their unique molecular structure, have a zero Poisson ratio. The main characteristic is that, if the protector is stressed in one direction, other ways will warp accordingly. Therefore, when the protector is compressed on the front area, it will compress also laterally; whereas, if it is frontally extended, it will expand also on the side.

Auxetic materials' major feature is that, if extended or compressed in one direction, size will consequently increase or decrease in all directions. As a result, these materials better absorb shocks. In case of impact, the structure of the protector becomes harder, acting as a true armor and limiting eventual injuries or abrasions.

When protection becomes freedom

Auxagon is the Dainese technology resulting from auxetic materials. It is applied in Pro Shape 2.0 protectors. These are extremely flexible, breathable and light. 55% of the surface is perforated to ensure unparalleled air and heat exchange even on the hottest days. Thanks to this technology, Trail Skins Pro protectors are extremely light and have been awarded the EN 1621.1 Level 1 European Certification.

It often happens that bulky and heavy downhill knee guards limit freedom of movement, so you have to place them in your backpack while pedaling. Trail Skins Pro, instead, can be worn also going uphill. They have been conceived and designed so you can barely feel them.

The combination of protection and lightness gets to the highest levels. Safety becomes real freedom.



PRO
Technology standards

The family of Dainese Trail Skins protectors represents the perfect balance between rideability and protection, allowing the rider to take on any discipline with maximum freedom of movement and in accordance with the highest international safety standards. The ideal choice for riders who plan to take on long uphill and downhill sections when out riding.



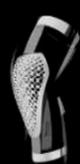
TOP



BOTTOM



KNEE



ELBOW

AIR
Superior Lightness

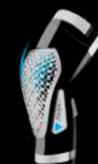
The Trail Skins Air line focuses on lightness and breathability, optimizing the structure of protectors to maximize ventilation and contain overall weight.



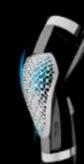
TOP



BOTTOM



KNEE



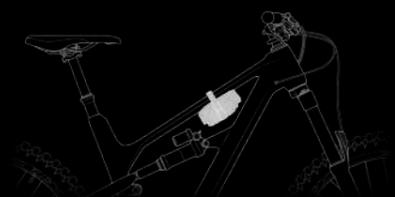
ELBOW

LITE
Packability

The Trail Skins Lite line is designed to minimize bulk and ensure lightness as well as the utmost portability. Ideal for riders who always want a protector with no tangible weight. It is suitable for all types of riding activity.



KNEE



TRAIL SKINS PRO KNEE GUARDS

PART NUMBER	SIZES	
203879717	S - XL	The latest evolution in trail protection raises the bar yet again. Developed on World Cup trails, Trail Skins Pro combines excellent adaptability to the form of the knee, constant ventilation and maximum protection due to the carbon-elastomer compound and ergonomic shape of the PRO SHAPE 2.0 protector that allows great freedom of movement and evenly distributes the force of any impact to the sides. The smooth surface on the side padding bolsters limits friction and facilitates sliding in the event of a fall. Created by mapping the shape of the knee, the special sock is highly breathable and stays in place on the body during strenuous activity with no need for adjustments or position changes while riding. It fits like a second skin allowing you to reach your maximum potential while enjoying complete protection.



COLOR VERSIONS

FEATURES

- Calf elastic band
- Extra wide elastic bands with silicone grippers
- Slip-on design
- Thigh and calf straps

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

PROTECTION

- Pro-Shape 2.0 pads
- Side protection bolsters

HOMOLOGATION

CE EN 1621.1



001
black

TRAIL SKINS PRO ELBOW GUARDS

PART NUMBER	SIZES	
203879718	S - XL	The latest evolution in trail protection raises the bar yet again. Developed on World Cup trails, Trail Skins Pro combines excellent adaptability to the form of the elbow, constant ventilation, and maximum protection due to the carbon-elastomer compound and ergonomic shape of the PRO SHAPE 2.0 protector that allows great freedom of movement and evenly distributes the force of any impact to the sides. The smooth surface on the side padding bolsters limits friction and facilitates sliding in the event of a fall. Created by mapping the shape of the arm, the special sleeve is highly breathable and stays in place on the elbow during strenuous activity with no need for adjustments or position changes while riding. It fits like a second skin allowing you to reach your maximum potential while enjoying complete protection.



COLOR VERSIONS

FEATURES

- Forearm elastic band
- Bicep and forearm straps
- Extra wide elastic bands with silicone grippers
- Slip-on design

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

PROTECTION

- Pro-Shape 2.0 pads
- Side protection bolsters

HOMOLOGATION

CE EN 1621.1



001
black

TRAIL SKINS AIR KNEE GUARDS

PART NUMBER	SIZES
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203879724	S - XL
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The Trail Skins Air knee guard is constructed around the Pro-Shape 2.0 protector, inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. The structure of the Pro-Shape 2.0 protector allows for maximum flexibility and adaptability whatever the knee position, tracing its movements throughout all phases of activity. It absorbs 83% of the force of an impact, rather than transmitting this to the knee. 55% of its surface area is completely open, ensuring ventilation and greater heat exchange during both the uphill and downhill phase. An ideal feature for riders who plan to take on long rides, even on the hottest of days. The knee guard remains stable, even during intense activity, thanks to a very long, transparent sock on the thigh and a practical elastic at calf height. The supplementary protector on the outside edges of the knee guard is designed to ensure protection even in case of sliding along the ground.



COLOR VERSIONS

FEATURES

Calf elastic band
Extra wide elastic band with silicone gripper

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

100%PVC,
90%PES-10%EA,
100%PES

PROTECTION

Side protection bolsters

HOMOLOGATION

CE EN 1621.1



001
black

TRAIL SKINS AIR ELBOW GUARDS

PART NUMBER	SIZES
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203879725	S - XL
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The Trail Skins Air elbow guard is constructed around the Pro-Shape 2.0 protector, inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. The structure of the Pro-Shape 2.0 protector allows for maximum flexibility and adaptability whatever the elbow position, tracing its movements throughout all phases of activity. It absorbs 83% of the force of an impact, rather than transmitting this to the elbow. 55% of its surface area is completely open, ensuring ventilation and greater heat exchange during both the uphill and downhill phase. An ideal feature for riders who plan to take on long rides, even on the hottest of days. The elbow guard remains stable, even during intense activity, thanks to a very long transparent sleeve that extends to the bicep and a practical elastic at forearm height.



COLOR VERSIONS

FEATURES

Extra wide elastic bands with silicone grippers

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

100%PVC,
90%PES-10%EA,
100%PES

PROTECTION

Pro-Shape 2.0 Protector

HOMOLOGATION

CE EN 1621.1



001
black

TRAIL SKINS LITE KNEE GUARDS

PART NUMBER	SIZES	
203879726	S - XL	The Trail Skins Lite knee guard is constructed around the Pro-Shape 2.0 protector, in a compound version that is even softer so that it can be folded in on itself, taking up minimal space. Pro-Shape 2.0 is inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. For maximum versatility and portability, Trail Skins Lite comes complete with a practical elastic included in the pack. This allows the protector to be attached to the frame, making it available to the rider even during the shortest of rides.



COLOR VERSIONS

FEATURES

Extra wide elastic bands with silicone grippers

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

Run-Resistant front cover

93%PA 7%EA,
100%PVC,
100%PES,
90%PES-10%EA

PROTECTION

Pro-Shape 2.0 Foldable Protector

HOMOLOGATION

CE EN 1621.1



001
black

TRAIL SKINS PRO TEE

PART NUMBER	SIZES	
203879727	XS - XXL	Trail Skins Pro Tee is the most versatile torso protector in the Dainese range. Soft, removable Pro-Shape 2.0 protectors cover the shoulders, back and chest, tracing the rider's movements throughout all phases of activity. The construction of the Pro-Shape 2.0 protectors is inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. Combined with the use of highly breathable fabric, the structure, open across 55% of the area of coverage, ensures lightness and greater ventilation during every stage of the ride, even on the hottest of days. The length of the T-shirt allows it to be tucked inside pants, for added stability. The Pro-Shape protectors can be easily removed, giving the rider the freedom to choose which to wear. This means real versatility if the rider wants to wear a rucksack for example, as well as easy cleaning. Two rear pockets, designed to be easily reached while riding, make it even more practical, allowing a rider to carry all the essentials without adding any unnecessary bulk.



COLOR VERSIONS

FEATURES

Back "Stow" pockets

Crew neck

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

90%PES-10%EA

PROTECTION

Auxagon Technology back protector

Auxetic Chest Protection

Pro-Shape 2.0 shoulder pads

HOMOLOGATION

CE EN 1621.1

CE EN 1621.2 Level 1



001
black

TRAIL SKINS AIR VEST

PART NUMBER	SIZES	
203879728	XS - XXL	Trail Skins Air Vest is the most lightweight and well-ventilated body protector in the range, designed for intensive use also on the hottest of days. The soft Pro-Shape protectors on the shoulders and back can be removed and are open across 55% of their surface area, for total ventilation during every phase of activity. The structure of the Pro-Shape protector is inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. The protectors can be removed which ensures greater versatility, allowing the rider to choose which protectors to wear, and making washing easier. The length of the T-shirt allows it to be tucked inside pants, for added stability. Two rear pockets, designed to be easily reached while riding, make it even more practical, allowing a rider to carry all the essentials without adding any unnecessary bulk.



COLOR VERSIONS

FEATURES

Back "Stow" pockets

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

90%PES-10%EA

PROTECTION

Auxagon Technology back protector

Auxetic Chest Protection

HOMOLOGATION

CE EN 1621.2 Level 1



001
black

TRAIL SKINS SHORTS

PART NUMBER	SIZES	
203769492	XS/S - XL/XXL	The Trail Skins Shorts ensure maximum lightness, breathability and ergonomics. Their mesh construction ensures great elasticity, adapting to all physiques. The polyamide and polyethylene structure, which is extremely light and well-ventilated, is designed to help wick sweat, keeping the rider dry throughout every phase of the ride, even on the hottest of days and during the most intense activity. The seat lining has contained dimensions and is designed to perfectly adapt to the latest generation of MTB saddle. Applied with minimal seams, it ensures maximum comfort during the ride, particularly on steep routes where friction with the fabric can be more accentuated. Zero stress, for maximum concentration. The pads on the outside of the thighs are developed to ensure added protection in case of any sliding along the ground.



COLOR VERSIONS

FEATURES

Chamois

MATERIALS

Hybrid yarn construction for a better moisture management

Knit body mapped construction

70% Polipropilene, 25% polyamide, 5% elasthan

PROTECTION

Side protection bolsters



001
black



ENDURO KNEE GUARD 2

PART NUMBER	SIZES
203879722	S - XL

Two years of research into races and high performance materials were necessary to develop the most advanced Dainese knee pad of all time. The ENDURO KNEE GUARDS features a complex hybrid construction that mix together the extra mobility and breathability of the nature-inspired Pro-Armor with the high durability and impact resistance of the ABS technology. The engineered construction is conceived to cover specific areas of the knee bones like the kneecap and the shinbone, while the extended Pro-Armor construction provides great coverage to cartilages in case of sliding falls. An extra protection is offered by the three Crash Absorb pads on the inner section, that avoid bumps with the frame and other possible injuries. The ENDURO KNEE GUARD is developed around the shape of the knee, to provide the rider with extreme freedom of movement while pedalling and maximum comfort even after several km of aggressive riding. The choice of those who are always looking for impossible lines to be drawn. Now you can, safely.



FEATURES

Inner wide elastic band with velcro strap adjustment

Silicone grippers

MATERIALS

Airnet reinforced elastic sock

Crash Absorb soft memory foam

Jersey Hole Highly Breathable, Run-Resistant mesh

PROTECTION

Calf power strap

Pro Armor knee pads

ABS rigid plates

Crash Absorb Side pads

HOMOLOGATION

CE EN 1621.1

COLOR VERSIONS



001
black

ARMOFORM PRO KNEE GUARDS

PART NUMBER	SIZES
203879719	S - XL

These knee guards offer maximum protection without sacrificing freedom of movement or comfort, so you can face the most challenging Downhill descents with no hesitation. Taking inspiration from natural fractals, the design of the two sliding polyethylene plates distribute the force of impact over a broad area, for minimum shock to the knee. Surface vents provide constant ventilation, making these guards ideal for wear even with long pants. Side padding bolsters protect the knee from bumps with the frame while the smooth surface creates minimal friction allowing the plates to slide easily in the event of a crash. The LYCRA® Jersey Hole sock, with its highly breathable open-back design, offers infinite adjustment possibilities for perfect adaption to all bodies through its comfortable Velcro straps and elastic grippers that protect the calf with no need for adjustment throughout the day.



FEATURES

Extra Wide elastic bands with silicone grippers

MATERIALS

Crash Absorb soft memory foam
Jersey Hole Highly Breathable, Run-Resistant mesh

PROTECTION

Calf power strap
Crash Absorb Side pads
Sliding Polyethylene knee/shin plates

HOMOLOGATION

CE EN 1621.1

COLOR VERSIONS



001
black

ARMOFORM PRO ELBOW GUARDS

PART NUMBER	SIZES
203879720	S - XL

ARMOFORM PRO ELBOW guards offer maximum protection without sacrificing freedom of movement or comfort, designed for Downhill riders to face the most challenging descents without fear. Taking inspiration from natural fractals, the design of the two sliding polyethylene plates distribute the force of impact over a broad area, for minimum shock to the elbow. Surface vents provide constant ventilation, making these guards ideal for wear with long sleeves. The smooth surface on the side padding bolsters creates minimal friction allowing the plates to slide easily in the event of a crash. The highly breathable LYCRA® Jersey Hole sleeve offers infinite adjustment possibilities and perfect adaption to all physics through its comfortable Velcro straps and elastic grippers that protect the arm with no need for adjustment throughout the day.



FEATURES

Extra Wide elastic bands with silicone grippers

MATERIALS

Jersey Hole Highly Breathable, Run-Resistant mesh

PROTECTION

Sliding Polypropylene elbow and forearm plates

HOMOLOGATION

CE EN 1621.1

COLOR VERSIONS



001
black

ARMOFORM KNEE GUARD LITE EXT

PART NUMBER	SIZES
203879691	S - XL

Featuring the same proven hard-shell design of the Armoform Knee Guards, these lightweight pads utilize an open-back design for simplicity and ease of use. An additional shock absorbent memory foam extends coverage to the lower shins for aggressive riding.



FEATURES

Elastic adjustable bands

PROTECTION

Crash Absorb shin pad extension
Polypropylene knee/shin plates

HOMOLOGATION

CE EN 1621.1

COLOR VERSIONS



001
black

ARMOFORM ELBOW GUARD LITE

PART NUMBER	SIZES
203879692	S - XL

Designed with the same hard-shell design as the Armoform Elbow Guards, this lightweight elbow pad features an open-back design for simplicity and increased breathability. The micro-adjustable elastic bands create a custom fit for every rider.



FEATURES

Elastic adjustable bands

PROTECTION

Polypropylene elbow and forearm plates

HOMOLOGATION

CE EN 1621.1

COLOR VERSIONS



001
black

RIVAL PRO VEST

PART NUMBER	SIZES	
203879721	XS - XXL	From training to all levels of competition, this vest offers maximum protection for Enduro and Trail use. It was designed for the most aggressive and demanding riders who push the limits in every outing.
203999552 - HUMPBACK H2O	N	High-impact PRO SHAPE 2.0 technology guarantees shoulder protection while its lightness and ventilation allow for maximum freedom of movement and confidence throughout the ride. The Crash Absorb Soft Memory Foam protectors cover the ribs, collarbones and the entire back area with anatomical precision, providing additional safety features with maximum comfort. With the modular structure of the RIVAL PRO VEST, riders can remove the shoulder and back protectors for a comfortable fit even when wearing a backpack or pouch. The exclusive patented HumpBack™ hydration system, modeled after Dainese technology for professional MotoGP™ riders, provides a compact space for the right volume of water, perfectly balancing the back protector and offering additional protection in the event of a fall. Riders perform best when they can concentrate on the trail, not worry about their safety.



FEATURES

- Anatomic chest construction
- HumpBack™ protective hydration pack 700ml
- Removable back and shoulder protection

MATERIALS

- Crash Absorb soft memory foam
- Jersey Hole Highly Breathable, Run-Resistant mesh

PROTECTION

- Auxagon back protection
- Crash Absorb Chest and Rib Pads
- Crash Absorb clavicle pad
- Pro-Shape 2.0 shoulder pads

HOMOLOGATION

- CE EN 1621.1
- CE EN 1621.2 Level 1

COLOR VERSIONS



001
black

999
neutro

RIVAL PRO SHORTS

PART NUMBER	SIZES	
203769487	XS - XXL	With riders who prize safety and lightweight comfort, this garment was designed to meet the rigors of Enduro competitions. RIVAL PRO SHORTS can be layered under shorts for additional protection in the thigh and pelvis area. They provide maximum confidence on the most aggressive and technical trails under all conditions.



COLOR VERSIONS



001
black

MATERIALS

- Carezza soft touch fabric
- Crash Absorb soft memory foam

PROTECTION

- Thigh and pelvis pads in Crash Absorb

RHYOLITE 2 SAFETY JACKET

PART NUMBER	SIZES	
203879689	XS - XXL	The result from extensive research into the movement of the human body, the Rhyolite 2 Safety Jacket is Dainese's most ergonomic and advanced design to date and the pinnacle of upper body armor available today. Advancing Dainese's use of functional patterns inspired by nature, this jacket features Flexagon protection coverage from the back to the chest, resulting in superior breathability, comfort and protection. With removable sleeves utilizing Dainese's Pro Armor elbow and shoulder pads, the Rhyolite 2 is an adaptable to address each rider's needs.



FEATURES

Removable sleeves

MATERIALS

Crash Absorb soft memory foam
Jersey Hole Highly Breathable,
Run-Resistant mesh

PROTECTION

Crash Absorb chest and rib pads
Flexagon Technology back
protector
Pro Armor elbow pads
Pro Armor shoulder pads

HOMOLOGATION

CE EN 1621.1
CE EN 1621.2 Level 2

COLOR VERSIONS



001
black

RHYOLITE 2 SAFETY JACKET LITE

PART NUMBER	SIZES	
203879696	XS - XXL	This streamlined version of our Rhyolite 2 offers the same highly-acclaimed fit and ergonomics as our top-of-the-range model with a simplified Lite construction that makes it particularly suitable for beginners and riders on a budget. Zip-off removable sleeves enhance versatility in any gravity riding conditions.



FEATURES

Removable sleeves

MATERIALS

Crash Absorb soft memory foam
Jersey Hole Highly Breathable,
Run-Resistant mesh

PROTECTION

Crash Absorb Chest and Rib Pads
Flexagon Lite back Protector
Pro Armor Elbow pads
Pro Armor Shoulder pads

HOMOLOGATION

CE EN 1621.1
CE EN 1621.2 Level 1

COLOR VERSIONS



001
black



SCARABEO

- 78 SCARABEO PRO KNEE GUARDS
- 79 SCARABEO PRO ELBOW GUARDS
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- 82 SCARABEO SHORTS
- 83 SCARABEO GLOVES



SCARABEO

The Dainese Scarabeo line offers the youngest riders technology developed by the great MTB champions and used in world championships. All the safety of the professionals, to protect the athletes of tomorrow.

Scarabeo garments come complete with the innovative patented Dainese RIBBO System. By cutting the special ties that control fabric elasticity, the circumference of the gear can be gradually increased as the young rider grows, allowing to use it for several seasons.

Kid's play got serious.

PRO
Technology standards

AIR
Superior lightness

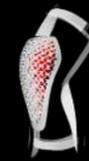
TOP



BOTTOM



KNEE



ELBOW



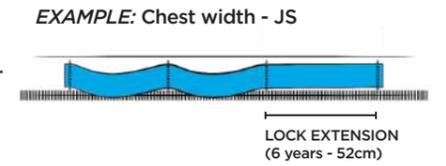


RIBBO GROWTH ADAPTING SYSTEM

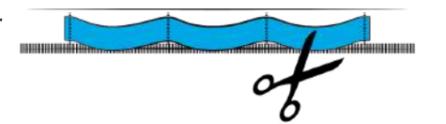
SCARABEO protectors accompanies kids in their growth. Simply cut one or more sections of the rigid ribbon unlock the elasticity of the material below to adapt the fit.



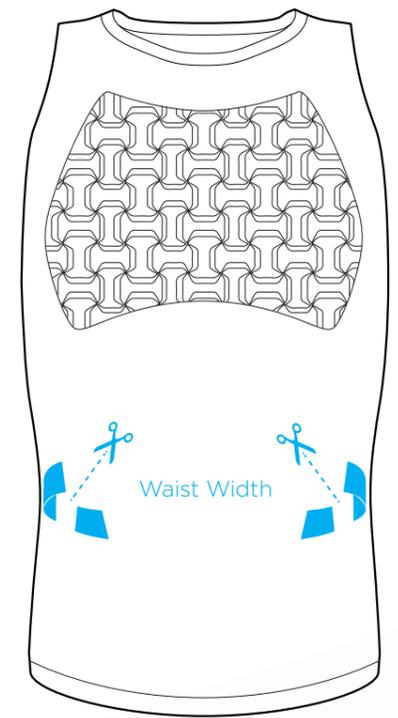
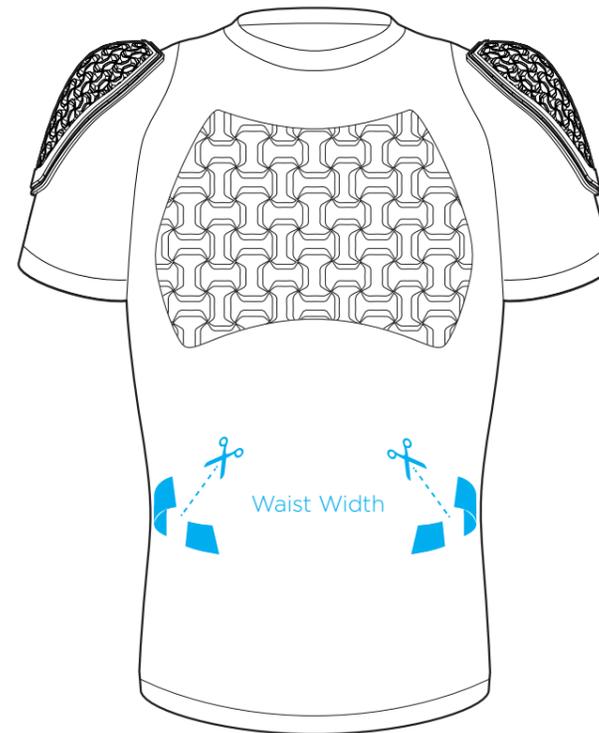
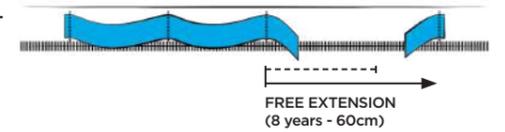
1 / LOCKED EXTENTION



2 / CUT ONE SECTOR OF RIBBON



3 / FREE EXTENTION



SCARABEO PRO KNEE GUARDS

PART NUMBER	SIZES	
203879729	JS - JXL	The Dainese Scarabeo knee guard is constructed around the Pro-Shape protector, inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. The structure of the protectors allows for maximum flexibility and adapts to all knee positions, tracing the movements of the young rider, whether on the flat or downhill. Pro-Shape Scarabeo absorbs 83% of the force of an impact, rather than transmitting that energy to the knee. 55% of the protector's surface area is open, allowing for effective ventilation and excellent heat exchange together with the highly breathable elastic fabric, even on the hottest of days.



COLOR VERSIONS

FEATURES

Extra wide elastic bands with silicone grippers

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

100%PVC,
90%PES-10%EA

PROTECTION

Scarabeo Pro-Shape Protector

HOMOLOGATION

CE EN 1621.1



001
black

SCARABEO PRO ELBOW GUARDS

PART NUMBER	SIZES	
203879730	JS - JXL	The Dainese Scarabeo elbow guard is constructed around the Pro-Shape protector, inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. The structure of the protectors allows for maximum flexibility and adapts to all arm positions, tracing the movements of the young rider, whether on the flat or downhill. Pro-Shape Scarabeo absorbs 83% of the force of an impact, rather than transmitting that energy to the elbow. 55% of the protector's surface area is open, allowing for effective ventilation and excellent heat exchange together with the highly breathable elastic fabric, even on the hottest of days.



COLOR VERSIONS

FEATURES

Extra wide elastic bands with silicone grippers

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

100%PVC,
90%PES-10%EA

PROTECTION

Scarabeo Pro-Shape Protector

HOMOLOGATION

CE EN 1621.1



001
black

SCARABEO PRO TEE

PART NUMBER	SIZES
203879731	JS - JXL

Scarabeo Pro Tee is a protective, lightweight and breathable T-shirt suited to all MTB disciplines. It is equipped with soft, removable Pro-Shape Scarabeo protectors on the shoulders, chest and back, allowing excellent freedom of movement and ventilation. The structure of the Pro-Shape Scarabeo protectors is inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. Combined with the use of highly breathable fabric, the structure, open across 55% of the area of coverage, ensures lightness and greater ventilation during every stage of the ride, even on the hottest of days. The back and chest protectors can be completely removed which ensures greater versatility, leaving the rider free to choose which protectors to wear and making washing easier. The opening zip is positioned to the side, to ensure maximum extension of the chest protector. The length of the T-shirt allows it to be tucked inside pants, for added stability. Scarabeo Pro Tee comes complete with the innovative patented Dainese RIBBO System. By cutting the special ties that control fabric elasticity, the circumference of the garment can be gradually increased as the young rider grows. It can therefore be used for several seasons. Child's play gets serious.



FEATURES

RIBBO growth adapting system

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

ET.COMP. 90%PES-10%EA

PROTECTION

Auxagon Technology back protector

Auxetic Chest Protection

Scarabeo Pro-Shape Protector

Scarabeo Pro-Shape Shoulder Protector

HOMOLOGATION

CE EN 1621.1

CE EN 1621.2 Level 1

COLOR VERSIONS



001
black

SCARABEO AIR VEST

PART NUMBER	SIZES
203879732	JS - JXL

Scarabeo Air Vest is the lightest and most breathable protector in the range, designed to be used during any activity and even on the hottest of days when it becomes difficult to wear more than one layer. The soft Pro-Shape Scarabeo protectors on the back and chest are highly ventilated and designed to faithfully trace a young rider's movements. The structure of the Pro-Shape Scarabeo protectors is inspired by the geometry of auxetic materials present in nature that, following an impact or stress, expand in all directions simultaneously, increasing the area of coverage. Their construction, open across 55% of the area of coverage, along with the highly breathable fabric, ensure ultimate lightness and ventilation, so that young riders can fully express themselves in total freedom. The back and chest protectors can be completely removed which ensures greater versatility, leaving the rider free to choose which protectors to wear and making washing easier. The opening zip is positioned to the side, to ensure maximum extension of the chest protector. The length of the vest allows it to be tucked inside pants, ensuring the stability of the additional protection. Scarabeo Pro Vest comes complete with the innovative patented Dainese RIBBO System. By cutting the special ties that control fabric elasticity, the circumference of the garment can be gradually increased as the young rider grows. It can therefore be used for several seasons. Child's play gets serious.



FEATURES

RIBBO growth adapting system

MATERIALS

Jersey hole Highly Breathable, Run-Resistant mesh

ET.COMP. 90%PES-10%EA

PROTECTION

Auxagon Technology back protector

Auxetic Chest Protection

HOMOLOGATION

CE EN 1621.2 Level 1

COLOR VERSIONS



001
black

SCARABEO SHORTS

PART NUMBER	SIZES	
203769491	JS - JL	The Scarabeo Pro Shorts are ultra-lightweight and breathable, designed to protect young riders wherever the path takes them. Their structure, in very lightweight and well-ventilated polyamide and polyethylene, is designed to help wick sweat, keeping the rider dry throughout every phase of the ride, even on the hottest of days and during the most intense activity. The pads on the outside of the thighs are developed to ensure added protection in case of any sliding along the ground. The seat lining has contained dimensions and is designed to perfectly adapt to the latest generation of MTB saddle. Applied with minimal seams, it ensures maximum comfort during the ride, particularly on steep routes where friction with the fabric can be more bothersome. Leaving riders free to fully express themselves like champions.



COLOR VERSIONS



606
black/red

FEATURES

Chamois

MATERIALS

Hybrid yarn construction for a better moisture management

Knit body mapped construction

PROTECTION

Side protection bolsters

SCARABEO GLOVES

PART NUMBER	SIZES	
203819273	JS - JL	Youths are getting increasingly talented. Wearing the Scarabeo gloves means creating a seamless construction between the young rider and the bars, while the slip-on design and the one piece palm construction provides the youths with great comfort.



COLOR VERSIONS



S87
light red/black

FEATURES

High strength synthetic fabric palm

Silicone screen print on palm for better grip

Slip-on



MERCHANDISING

- 86 SPEED DEMON T-SHIRT
- 86 DAINESE T-SHIRT
- 87 DAINESE 9FIFTY WOOL SNAPBACK CAP
- 87 DAINESE CUFF BEANIE
- 88 D-RING WHEELED BAG
- 88 D-CABIN WHEELED BAG
- 89 D-THROTTLE BACKPACK
- 89 D-GAMBIT BACKPACK

SPEED DEMON T-SHIRT

PART NUMBER	SIZES
201896742	XS - XXXL



MATERIALS
100% Cotton

COLOR VERSIONS



606
black/red



615
red/black

DAINESE T-SHIRT

PART NUMBER	SIZES
201896745	XS - XXXL



MATERIALS
100% Cotton

COLOR VERSIONS



622
black/white

DAINESE 9FIFTY WOOL SNAPBACK CAP

PART NUMBER	SIZES
201990004	N



GENERAL FEATURES
Flat visor
Snapback closure

COLOR VERSIONS



001
black

DAINESE CUFF BEANIE

PART NUMBER	SIZES
201990059	N



MAIN MATERIALS
100% Acrylic knit

COLOR VERSIONS



001
black

D-RIG WHEELED BAG

PART NUMBER	SIZES
201980064	N



GENERAL FEATURES

- Capacity: 123 L
- Heavy duty oversized wheels with extra clearance
- iFOM (integrated foam) construction throughout for added gear protection
- Large main compartment with adjustable dividers and padded helmet chamber
- Secure hold compression strap system

- Several multi-use LID compartments for apparel and smaller gear
- SLED (Structural Load Equalizing Deck)
- System for increased durability and handling in the harshest of conditions
- Telescoping pull handle
- Wide mouth LID opening for easy access to all gear compartments

COLOR VERSIONS



W01
stealth-black

D-CABIN WHEELED BAG

PART NUMBER	SIZES
201980071	N

The D-Cabin is carefully designed to comply with airline cabin regulations, with overhead-compartment-friendly dimensions and a light construction to help meet weight restrictions. The polyethylene main tub is sturdy enough to withstand abuse, and there's a single-stage telescoping handle.



GENERAL FEATURES

- Capacity 38 L / 49 L
- Dimensions: 54 cm x 35 cm x 20 cm
- Easy clean eco-friendly PVC divider
- Expandable: allows you to increase the packing space
- Front accessory pockets
- Large main volume with adjustable divider gives multiple packing options

- Lightweight for greater carrying capacity on weight restricted airlines
- Molded PE Tub withstands abuse and keeps gear safe from the elements
- Single stage telescopic trolley handle
- We recommend checking with your airlines for the latest cabine luggage allowance
- Weight: 2,8 kg

COLOR VERSIONS



W01
stealth-black

D-THROTTLE BACKPACK

PART NUMBER	SIZES
201980070	N

A dependable riding backpack for everyday use, the D-Throttle features a plethora of pockets for small items and electronics, and the design allows external access to the hanging, padded laptop sleeve. The fabric has undergone a water-resistant treatment.



GENERAL FEATURES

- 1 fleece lined electronics pocket
- 1 large front pocket
- 2 external side pockets for beverage / small items
- 2 internal organization pockets
- Capacity: 27,9 L
- Dimensions: 29,2 cm x 17,8 cm x 51 cm
- External access hanging padded computer
- Sleeve with water resistant rain hood

ERGONOMICS

- 2 way adjustable sternum strap

COLOR VERSIONS



W01
stealth-black

D-GAMBIT BACKPACK

PART NUMBER	SIZES
201980061	N

GENERAL FEATURES

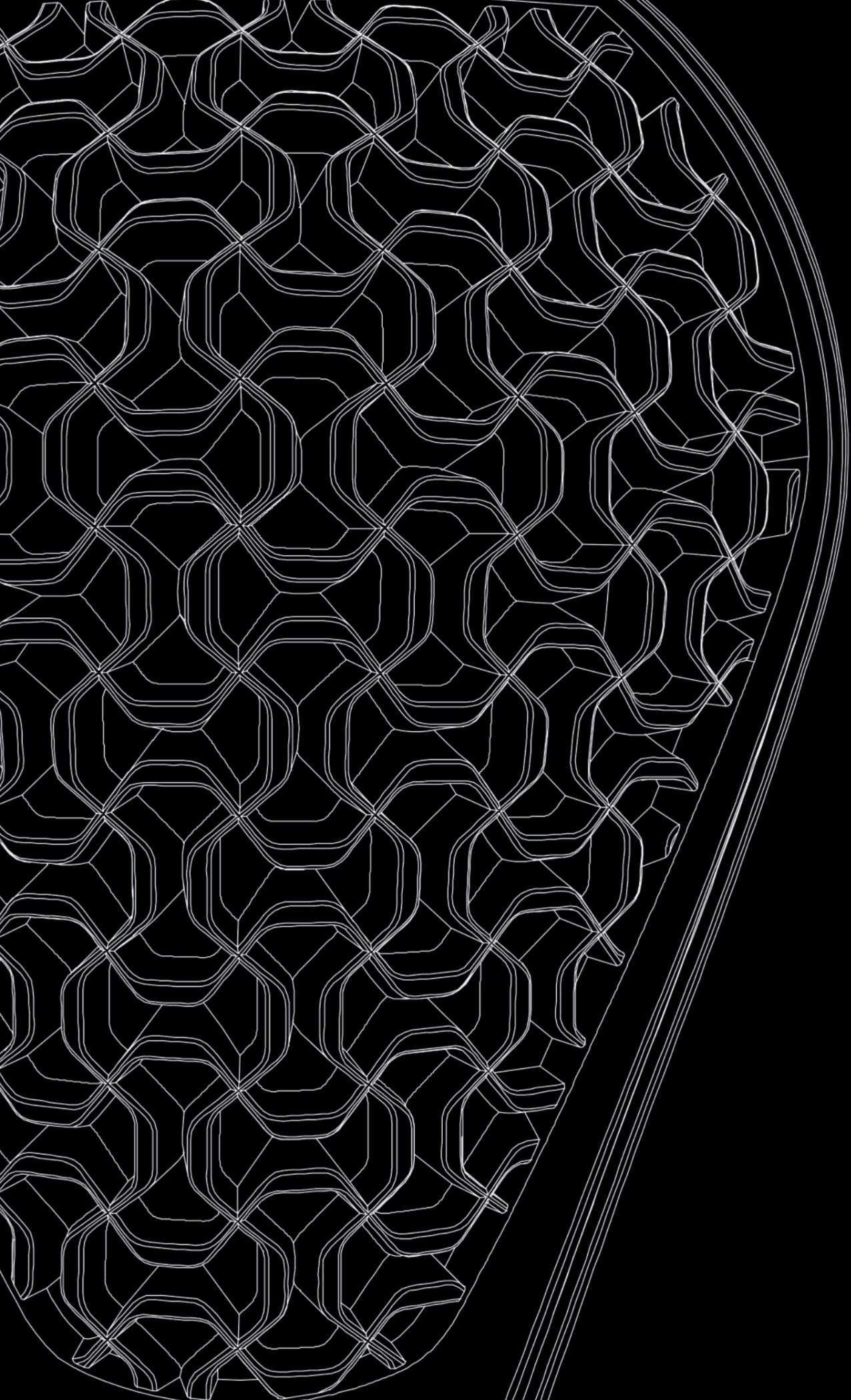
- Capacity: 33,6 L
- Crush proof Tech Vault pocket with soft tricot liner
- Dedicated top loading laptop compartment fits most 15" laptops
- Deluxe organization panel with zippered stash pocket
- Dual side water bottle/accessory holders
- Fully adjustable ergonomic shoulder straps with molded protection zone
- HUB (Hybrid Unibody Backpanel)

- for ultimate comfort
- Increased shoulder strap foam padding creates Sweet Spot comfort zone
- Integrated foam panels keep your electronics and other valuables protected
- Padded iPad™/tablet/e-reader pocket
- Padded mouse/digital camera pocket
- Soft touch padded neoprene grab handle
- Two zippered side utility pockets

COLOR VERSIONS



W01
stealth-black



TECHNOLOGIES

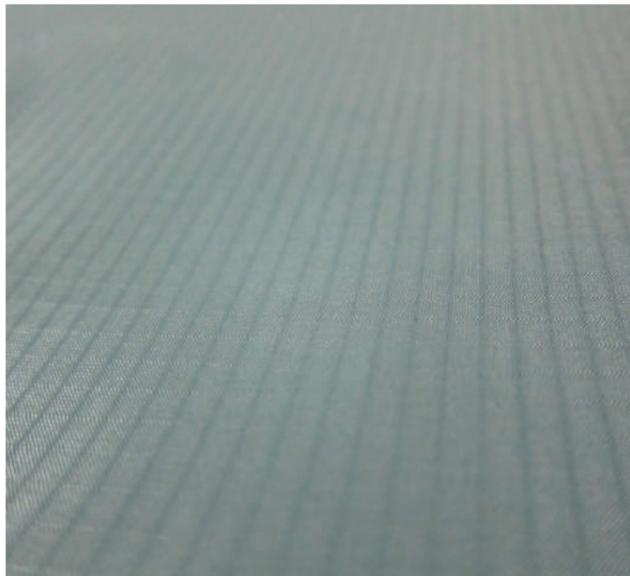
- 92 TRAILKNIT
- 92 RIPSTOP FABRIC
- 92 SUPERFABRIC®
- 93 PRO-SHAPE 2.0
- 93 PRO ARMOR
- 93 PRO ARMOR + ABS
- 93 ARMOFORM PRO
- 94 SCARABEO PRO ARMOR
- 94 SCARABEO PRO-SHAPE
- 94 CRASH ABSORB®
- 94 FLEXAGON BACK PROTECTOR

TRAILKNIT



TRAILKNIT is a fabric construction developed by electronic knitting machines linking loops of yarns on needles. This knitted construction differs from a traditional woven fabric as it is more flexible and can be more effortlessly constructed. TRAILKNIT has been developed for garments that are elastic and better respond to the rider's motion. A garment featuring a knitted construction is more form fitting, since its elasticity allows it to contour the body more closely. Knitted constructions also enable extra curvature to be introduced without seams - akin to the heel of a sock. Knitting allows an extremely complex fabric construction: The yarn in TRAILKNIT fabric follows a meandering path that can change seamlessly forming different stitching patterns that design precise functional zoning with engineered performance in key areas.

RIPSTOP FABRIC



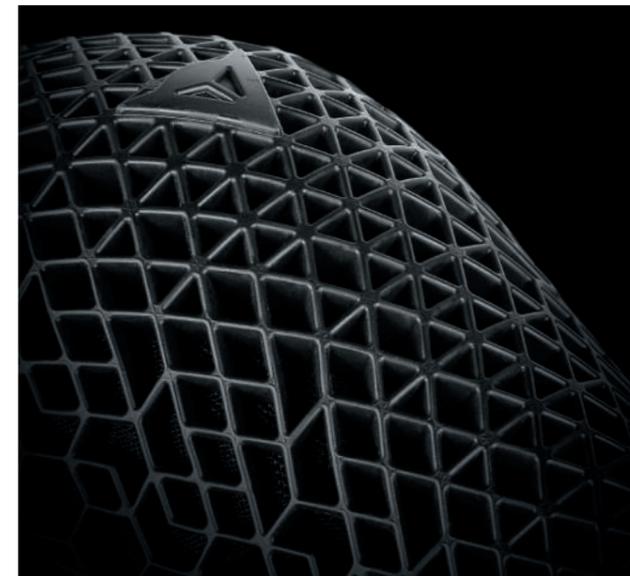
Ripstop is a woven fabric using a special reinforcing technique that makes them resistant to tearing and ripping. It is woven with coarse, strong warp and filling yarns at intervals so that tears will not spread. Ripstop also holds a good DWR (Durable Water Repellent) coating.

PRO-SHAPE 2.0



Pro-Shape 2.0 is the protector inspired by auxetics, forms found in nature with the quality of expanding in any direction when pulled or put under pressure. Made of carbon elastomer material, it can absorb 83% of impact force without any of it being transmitted to the body. Open across 55% of its surface, it allows for a continuous flow of air, for optimal perspiration management. Due to its pre-curved structure, it perfectly adapts to the rider's movements, guaranteeing superior stability and freedom of movement.

PRO ARMOR



PRO ARMOR sets the benchmark for breathability, ergonomics and protection featuring a functional pattern inspired by the fractals principle, the nature's language used to create complex structures that now becomes the new Dainese's protective design code. With the ultimate blend of mobility and protection, the low-profile design delivers unrestricted movement and all-day comfort while still meeting the EN 1621.1 European standards for impact protectors.

SUPERFABRIC®



SuperFabric® is among the most durable, toughest fabric in the world, an innovative ceramic-coated low friction material that can provide very high levels of abrasion and slash resistance. SuperFabric® technology takes a fabric and overlays it with tiny plates ("guard plates") in a specific arrangement. The gaps between guard plates allow complete flexibility. It won't snag like knitted fabrics, which is especially important in helping protect against the additional injuries caused by material catching or pulling. It allows air to pass in and around the tiny guard plates creating a remarkable air-breathing product.

PRO ARMOR + ABS



The Pro-Armor technology is the soul of the protector. Its structure, inspired by natural fractals, allows for extensive and highly flexible coverage of the entire external area of the knee, front and sides, thus also protecting the more delicate lateral bones. The carbon-elastomer compound of which it is formed is able to transform impact energy into heat, thus distributing the force of impact across the protector's entire area. This means that only 17% of the effective impact is transmitted to the body. Furthermore, its special chemical composition means that, on coming into contact with an obstacle or the ground, the protector becomes rigid, making it even more effective at protecting against injury. The tibia and patella areas, more exposed to violent head-on impacts, can count on an additional plate in ABS, a material also used for ski helmets and able to absorb repetitive, violent impacts, even those involving sharp obstacles.

ARMOFORM PRO



The Armoform substructure is defined by a supportive ribbing, with thicker pattern in high impact zones and tapered near the edges for mobility and flexibility. The hard polyethylene shell used in Armoform is precedent setting for its ability to dissipate shock over a wider area, to slide across a crash surface and to prevent 'piercing', leading to less injury from sharp objects like rocks and branches as well as world class protection at high speed.

SCARABEO PRO ARMOR



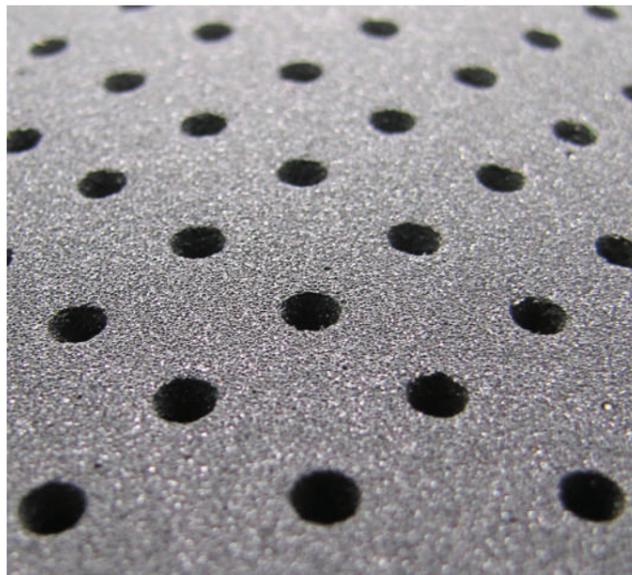
The SCARABEO Pro Armor pads have been specially developed around kids' bodies, with the same technologies as our field-proven adult pro products. Designed to be highly flexible, soft touch, vented and to fit skinny legs while still meeting the rigorous European standard for adult limb impact protectors.

SCARABEO PRO-SHAPE



Technologies developed for champions, designed to fit young riders. Scarabeo Pro-Shape protectors are devised to accompany children through their growing performance, and employ the same materials used in protectors for adults. Inspired by auxetics, the carbon-elastomer protector absorbs 83% of impact force. Open across 55% of its surface, it ensures maximum ventilation in any condition. The pre-curved structure faithfully adapts to all body movements, guaranteeing stability and vast freedom of movement.

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.

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.

SIZE CHART

TEXTILE

	XS	S	M	L	XL	XXL
EU	42	45	48	51	54	57
US	32	34/36	38	40/42	44	46/48
chest (cm)	81-87	87-93	93-99	99-105	105-111	111-117
waist (cm)	69-75	75-81	81-87	87-93	93-99	99-105
hip (cm)	83-89	89-95	95-101	101-107	107-113	113-119
height (cm)	163-167,5	167,5-172	172-176	176-180	180-184	184-188
inseam (cm)	76-78	78-80	80-82	82-84	84-85	85-86
sleeve (cm)	56-57	57-58,5	58,5-60	60-61	61-62	62-62,5

GLOVES

	XS	S	M	L	XL	XXL
palm circ. (in)	7	7 1/2 - 8	8 1/2	9	9 1/2	10
palm circ. (in) "SCARABEO"		JS 5.3	JM 5.9	JL 6.4		

ELBOW PROTECTORS

	S	M	L	XL
forearm girth (cm)	27	28	29	31
bicept girth (cm)	29	31	32	34

KNEE PROTECTORS

	S	M	L	XL
thigh girth 10 cm above knee joint	47	52	54	59
calf girth	33	36	39	42

SAFETY GEAR

	XS	S	M	L	XL	XXL
chest (cm)	81-87	87-93	93-99	99-105	105-111	111-117
waist (cm)	69-75	75-81	81-87	87-93	93-99	99-105
hip (cm)	83-89	89-95	95-101	101-107	107-113	113-119
height (cm)	163-167,5	167,5-172	172-176	176-180	180-184	184-188
inseam (cm)	76-78	78-80	80-82	82-84	84-85	85-86
sleeve (cm)	56-57	57-58,5	58,5-60	60-61	61-62	62-64

BACK PROTECTOR

SIZE	XS	S	M	L	XL	XXL
Waist to Shoulder cm						
ARMOFORM MANIS SAFETY JACKET	48	48	48	52	52	52
RHYOLITE 2 SAFETY JACKET	47	47	47	47	51	51
RHYOLITE 2 SAFETY JACKET LITE	47	47	47	47	51	51
RIVAL VEST PRO	47	47	47	47	51	51

SCARABEO SIZE CHART

SIZE	JS			JM		JL		JXL	
age	6	7	8	9	10	11	12	12	14
height (cm)	116	122	128	134	140	146	152	152	158
chest girth (cm)	52	56	60	64	68	72	76	78	84
waist girth (cm)	51	54	57	60	63	66	69	72	75
hips girth (cm)	65	65	71	74	77	80	83	86	89
sleeve length (cm)	40	42	44	46	48	50	52	54	56
thigh girth (cm)	39	41	43	45	47	49	51	53	55
knee girth (cm)	27,6	28,8	30	31,2	32,4	33,6	34,8	36	37,2
calf girth (cm)	23,6	24,8	26	27,2	28,4	29,6	30,8	32	33,2
forearm girth (cm)	15	16	17	18	19	20	21	22	23

#dainese
#dainesebike



Dainese S.p.a.
Via Louvigny, 35
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