

prodir[®]

**Sustainability Project.
A manifesto.**

**We want
writing instru-
ments that are
sustainable
and long-lasting,
that people
enjoy using for
their high quality,
and which
therefore fulfil
their role as**

**good writing
instruments and
credible brand
ambassadors.**

**And what
about You?**



Energy from renewable sources.

The electrical energy for our production and administration is produced 100% climate-friendly by Swiss hydroelectric power plants. In this way, we reduce CO2 emissions and make an active contribution to the conservation of our planet's natural resources.

1.

We want to produce useful objects that become part of people's everyday life because they are functional, timeless and long-lasting.

2.

We manufacture our writing instruments ourselves, from the refill to the nose cone, in ultra-modern production facilities with employees who are qualified and insured. In this way we can guarantee the quality we offer you.

3.

We produce in Switzerland because innovation and sustainability can be implemented faster, better and more effectively.

4.

We manufacture in the only country on earth where the rights of plants is anchored in the constitution. The careful use of our natural resources is part of our DNA.

5.

We focus on short, green and socially responsible supply chains. Thanks to a high level of vertical integration, we can do without climate-damaging container transports across the oceans.

6.

We want to set standards, not chase trends. We are among the pioneers in the use of biobased and biodegradable raw materials such as PHA.

7.

Innovation today only goes with nature, not against it.

8.

We want to live credibly because communication is our business and trust is our greatest asset. We love the rustling of the trees in the forest, not the one in communication.

9.

We are not yet where we want to be, but we are working on it. For the small world for which we are responsible, we want to be part of the solution, not the problem.

10.

The mindful handling of our social and ecological environment is as much a part of us as the mountains are part of Switzerland.

**We want
less
CO2 and
more recycling.**



40% less CO2, 100% recycled

The DS6 S is up to 24.4 mm shorter than comparable models. Its casing is made 100% from recycled ABS, produced with 40% lower CO2 emissions than standard ABS thanks to a special process. The replaceable Floating Ball® Lead-Free 1.0 refill with reduced-pollutant ink guarantees long writing pleasure.

Less CO2, less plastic, full performance, long life - that's the Mini from Prodir.

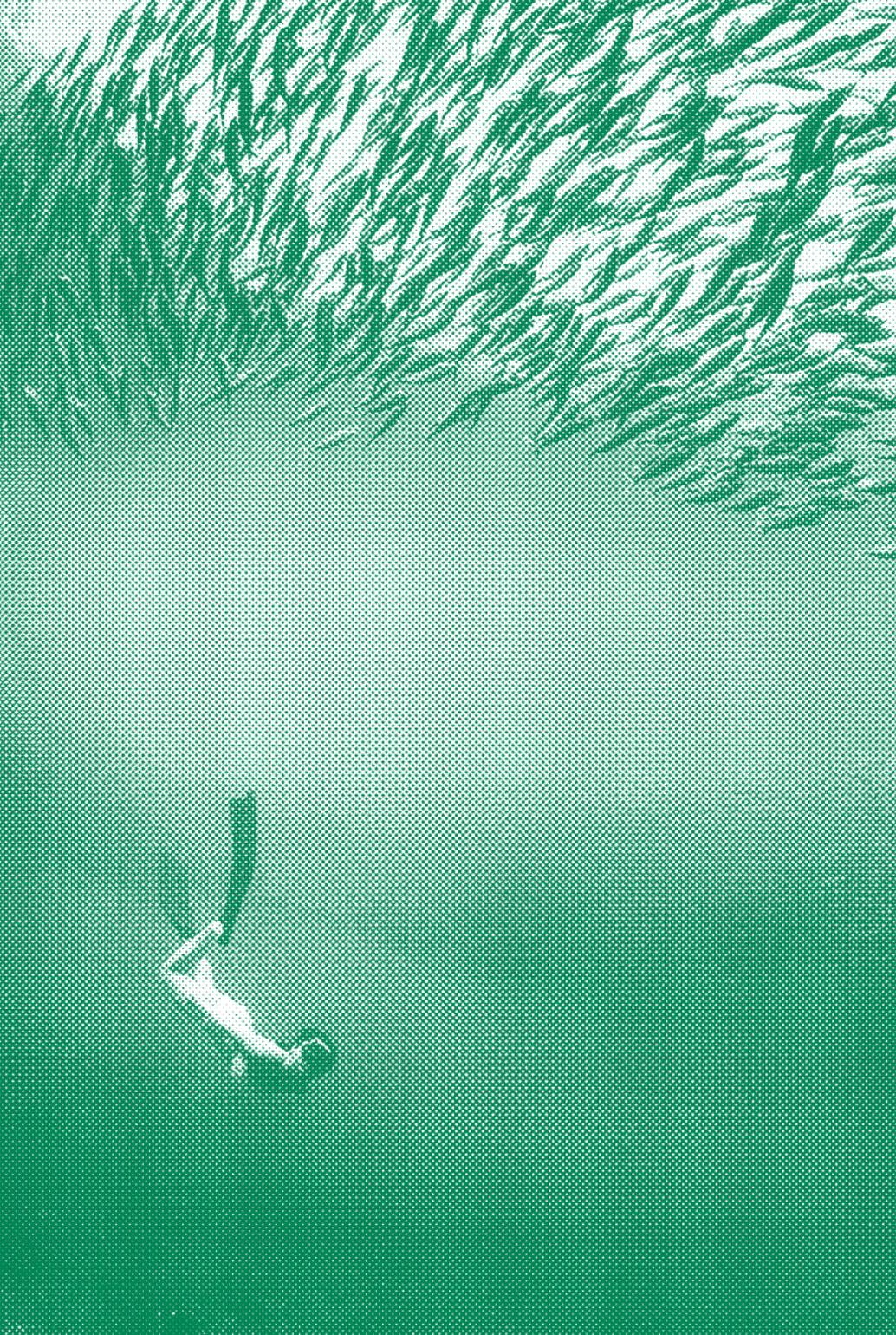
Tech specs: pp. 46-47

Scan to watch the video



**We want
fish in our
oceans,
not waste.**

QS40 and DS8 True Biotic



Biopolymers are the building blocks of living organisms - and the revolutionary raw material from which the casings of our models QS40 and DS8 in the execution "True Biotic" are made of.

All external casing components (casing, clip and push button) are made of polyhydroxyalkanoates (PHA), a biobased and biodegradable raw material. Microorganisms synthesize it in a natural way by the fermentation of sugars or lipids and also biodegrade it again in a natural environment. Only CO₂, water and biomass are returned to the natural cycle.

No toxic nor harmful substances are used or produced in the production of PHA. The process is safe, non-toxic and does not release harmful substances.

TÜV Austria, a leader in the certification of bioplastics, certifies that the PHA used for production is biodegradable even in natural environments such as seawater, fresh water and soil.

**True Biotic.
Created by nature for nature.**



Promotional Gift Award Winner



BPMA Promotional Pen Award Winner

Tech specs: pp. 48-53

Scan to watch the video



PHA: Created by nature for nature



Marine
environment



Fresh
water



Soil



Home
composting



Industrial
composting

PHA compared to other Bioplastics

- Proven biodegradability
- Proven biodegradability under certain conditions or for certain grades
- ✕ Biodegradability not proven

Supplier of PHA

True Biotic was developed by Prodir in close cooperation with the company MAIP, headquartered in Torino. In acknowledgement of its revolutionary «lamNATURE®» bioplastic, the company garnered the coveted «Global Bioplastics Award 2017».

Pagani Pens is proud member of



GO!PHA
Global Organization for PHA

PHA

Starch
and other natural Polymers

Cellulose
(Lignin <5%)

Cellulose Acetate
and others Derivatives

Lignin Wood

PBSA

PBAT

PBS

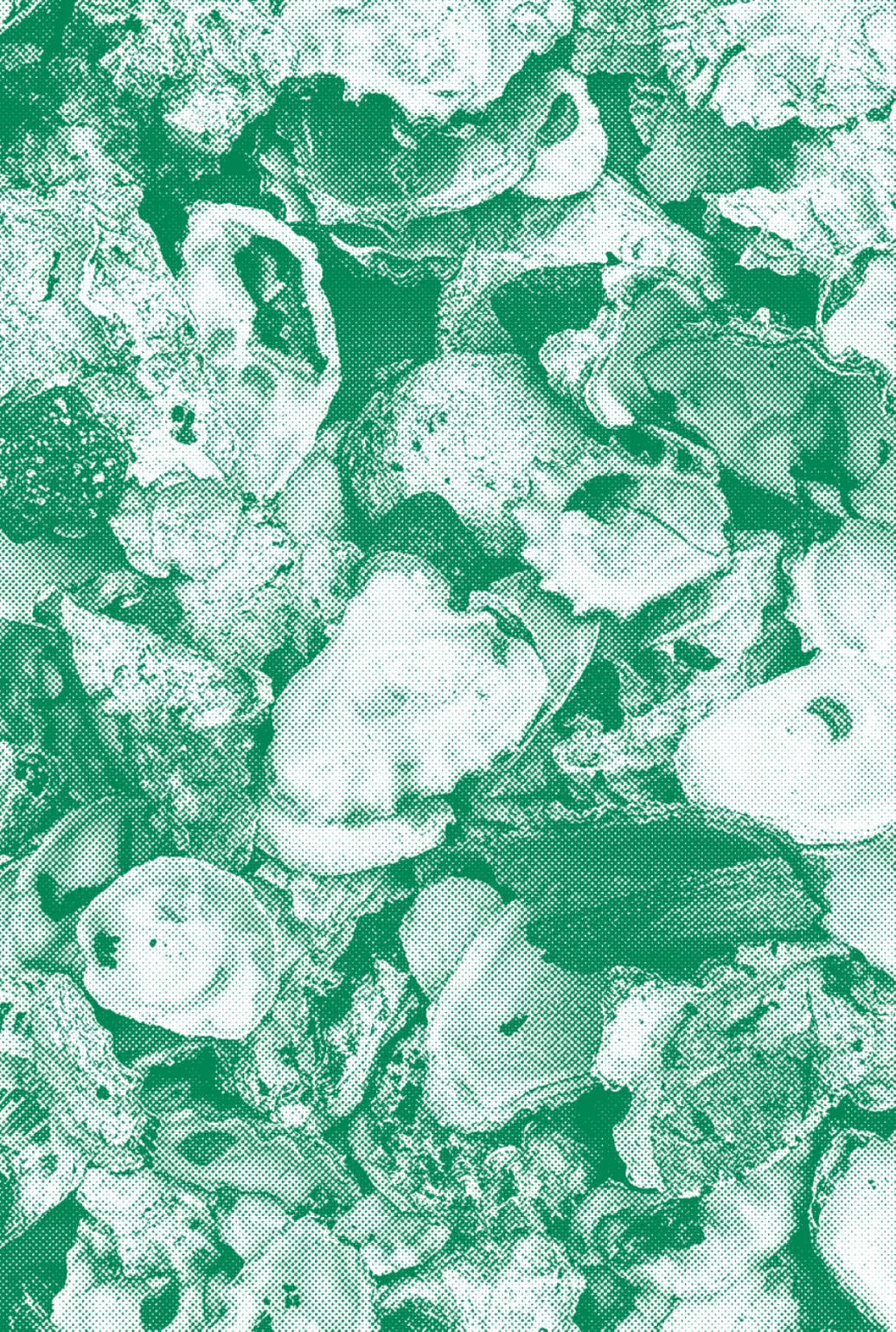
Temperature °C	Biodegradation 90%	Disintegration <10% for parts >2 mm	Certification TÜV Austria
20-30°C	6 months	12 weeks	
21°C	56 days	N.A.	
25°C	24 months	N.A.	
28°C	12 months	N.A.	
58°C	6 months	12 weeks	

Values certified based on PHA with thickness of <100 microns

Marine environment	Fresh water	Soil	Home composting	Landfill	Anaerobic digestion	Industrial composting
						
						
						
						
						
×	×			×	×	
×	×			×	×	
×	×	×	×	×	×	

**We want
both,
more nature
and more
recycling.**

DS5 Shell Metal Clip



Enriched by the sea.

Body, cap and nose cone of the DS5 Shell Metal Clip are made from plastic enriched with 30% recycled used seashells, 50% of the remaining plastic has been recycled or regenerated from internal production waste.

The untreated, very warm natural surface exudes sustainability, while the pen lies with a comfortable weight in the hand. The elegant metal clip underlines the high perceived value and durability of the writing instrument. Used refills can be easily replaced.

Tech specs: pp. 54-55

Scan to watch the video



**We want more
value and
less plastic.**



60% less plastic, 50% more weight.

The casing of QS writing instruments in the Stone version are made of a material enriched with minerals, whose specific properties make it possible to considerably reduce the plastic content and to noticeably increase the weight. Both together make the difference. The perception of value increases, the plastic consumption decreases. 50% of the residual plastic used comes from recycled material, as with all Prodir writing instruments.

Available for QS01, QS20 and QS30.



BPMA Promotional Pen Award Winner

Tech specs: pp. 56-59

Scan to watch the video



**We want
more air
and less plastic.**



60% less plastic, 100% more air.

Thanks to its transparent and material-saving honeycomb-like design, the QS40 Air uses up to 60% less plastic than comparable writing instruments. It is sturdy and durable. 50% of the residual plastic used comes from recycled ABS. There's hardly any room for improvement.



Promotional Gift Award Winner

Tech specs: pp. 60-63

Scan to watch the video



**We want
less fossil and
more renewable
resources.**



The casing and mechanism of the DS3 Biotic Pen are made of biobased plant-based plastics (PLA). They use renewable non-fossil raw materials such as corn starch or sugarcane.

The raw material is biodegradable according to EN 13432. In terms of the overall balance including refill and spring, this means a compostability factor of 75%. To achieve the typical sand effect, FSC wood powder is added to the bioplastic in the "Sand" version.

Even more environmentally friendly in combination with low-pollutant Floating Ball® Lead Free refills. Refillable, like all Prodir writing instruments.

Tech specs: pp. 64-65

Scan to discover more



**We want
more recycling
and less waste.**

**Plastic pens
made of recycled plastic**



All external components of all our plastic writing instruments are made of 50% recycled ABS*, for black and white pens the percentage reaches 100%.

The recycled plastic is regenerated from our own production waste or supplied by regionally operating suppliers close to our production sites.

All our plastic writing instruments discreetly bear the international recycling symbol embossed on the side of cap. They are refillable and come with environmentally friendly Floating Ball® refills as standard.

* Regulatory characteristics

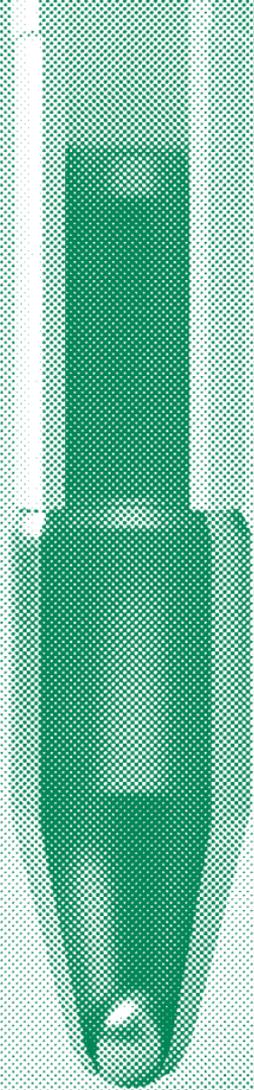
- European standard EN71-3 "Safety of toys, Migration of certain elements"
- European resolution AP (89)1
- European Reg 10/2011 and following amendments (no solid colorants)
- European Directive 94/62/EC (only for frosted and transparent surfaces)
- Do not contain over 0.1% of SVHC (substances of very high concern as defined by the European Regulation 1907/2006/EC Reach), according to the last updated list published by ECHA (15/01/2019)
- Do not contain phthalates or other substances included in the Annex XVII of Reach Regulation "Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles"
- Do not contain substances included in the Annex XIV of Reach Regulation, according to the latest updated ECHA Authorization list

Scan to discover more



**We want
more writing
comfort,
and fewer
pollutants.**

Floating Ball® Lead-Free



Refills are the heart and motor of every writing instrument. Our research department makes this engine even more powerful and environmentally friendly.

Our Floating Ball Lead® Free refill combines a lead-free stainless-steel writing tip with a low-pollutant ink that does not contain any substances classified by REACH as "Substances of Very High Concern" (SVHC). A high-efficiency engine with reduced emissions - without compromising performance.

Our refills write well and long. Should you write about two meters every day, you can write five years notes with a jumbo metal refill before you have to replace it after 5'000 written meters. How often you do this is up to you.

Prodir is the first manufacturer in the promotional market that offers only refillable writing instruments: They not only have a second life, but several more.

Scratching, blotting or smearing refills with nominal writing comfort and minimal writing capacity have a significant impact on the overall ecological balance. The same applies to writing instruments whose empty refills cannot be replaced.



Floating Ball®

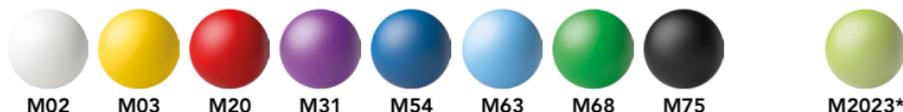
Technical specifications



DS6 S Mini

Cap, body and nose cone

Matt



Made 100% from recycled ABS, produced with 40% lower CO2 emissions than standard ABS thanks to a special process.

Also available as Cloud Pen with free Web-App.

* Lime Zest, Designer's Choice 2023, available for all models, but for the DS6 S Mini already starting from 500 pieces.

Print areas

	mm	Inch	Print	Notes
A Clip	33 × 7	1,30 × 0,28	6 colours	-
B Body	40 × 4	1,57 × 0,16	2 colours	



QS40 True Biotic

Body

True Biotic Matt



B02

B03

B11

B33

B41

B62

B75

Curved clip and button

True Biotic Polished



B02

B03

B11

B33

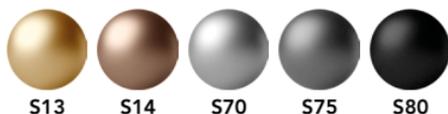
B41

B62

B75

Metal button

Satin finish metal



S13

S14

S70

S75

S80

Chrome finish metal



C70

Made from non-toxic, biobased and biodegradable biopolymers (PHA).

Print areas

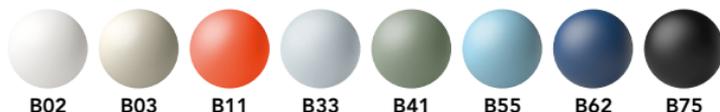
	mm	Inch	Print	Notes
A Curved clip	36 × 7	1,41 × 0,28	6 colours	-



DS8 True Biotic

Body

True Biotic Matt



B02

B03

B11

B33

B41

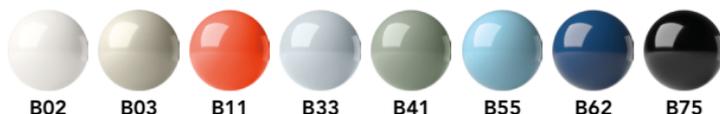
B55

B62

B75

Curved clip and button

True Biotic Polished



B02

B03

B11

B33

B41

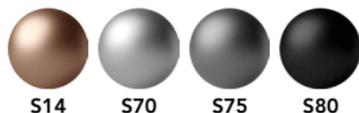
B55

B62

B75

Metal button

Satin finish metal



S14

S70

S75

S80

Chrome finish metal



C70

Made from non-toxic, biobased and biodegradable biopolymers (PHA).

Print areas

	mm	Inch	Print	Notes
A Side cap	35 x 5	1,38 x 0,20	2 colours	-
B Clip	36 x 7	1,41 x 0,28	6 colours	-
C Body	36 x 5	1,41 x 0,20	2 colours	-
C1 Side body	36 x 5	1,41 x 0,20	2 colours	-
C2 Side body	36 x 5	1,41 x 0,20	2 colours	-



A

The casing of this writing instrument is made out of biobased, biodegradable and non-toxic biopolymers (PHAs) which are sustainably generated through natural processes like biosynthesis. The same natural way microorganisms produce biopolymers, they also rapidly decompose them again – wherever they happen to be, even in the sea.

Because in nature
nothing is lost,
everything is transformed.

A long-lasting, refillable writing instrument in an award-winning design. Shiro Alga Carta. The paper used for the packaging is made from algae, which would otherwise clog up fragile marine areas, combined with FSC® pulp. The emissions generated during production of this eco-friendly paper are fully offset through Carbon Credits used to finance activities that can absorb CO₂ in the atmosphere.

PS0 True Biotic

Amplifying communication impact

The PS0 pouch transforms the story of the revolutionary material of the QS40 and DS8 True Biotic into the story of the brand that uses it to advertise.

The paper used for the packaging is made from algae, which would otherwise clog up fragile marine areas, combined with FSC® pulp. The emissions generated during production of this eco-friendly paper are fully offset through Carbon Credits.



Print areas

	mm	Inch
A Back	49 × 62	1,93 × 2,44



DS5 Shell

Body

Shell



E03

Metal clip

Satin finish metal



S13



S70



S75

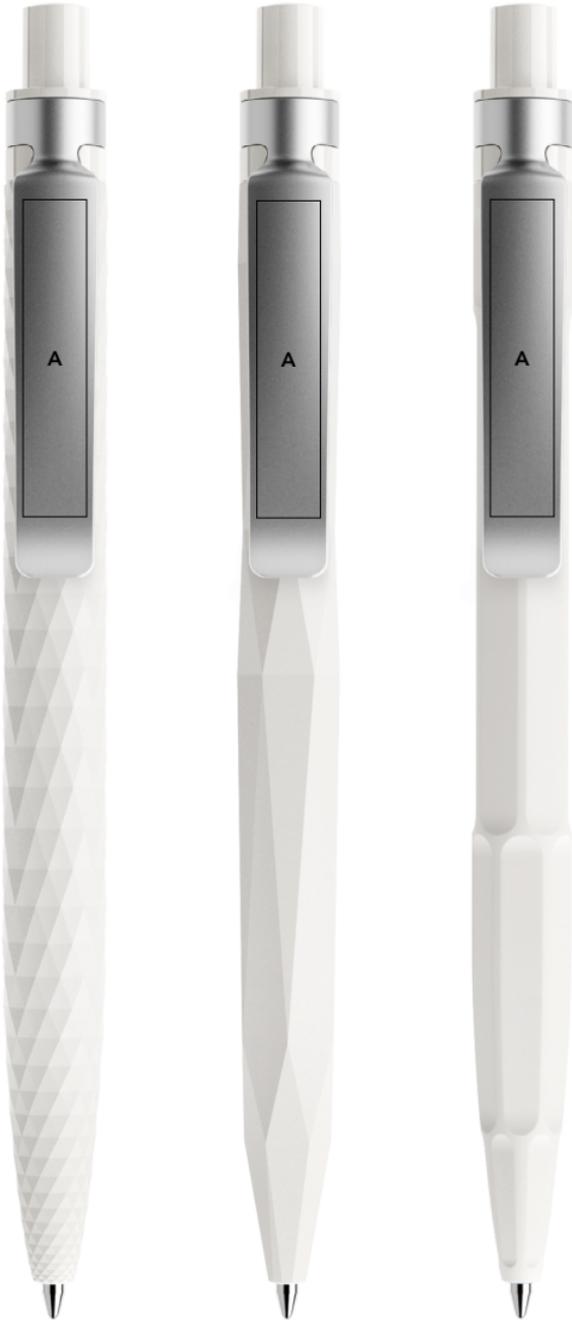


S80

Made from 50% recycled plastic enriched with 30% recycled used seashells.

Print areas

	mm	Inch	Print	Notes
A Clip	35 × 7	1,38 × 0,28	4 colours	Pad printing or laser engraving



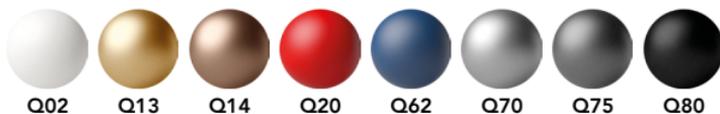
QS01/QS20/QS30 Stone

Print areas

	mm	Inch	Print	Notes
A Metal clip	35 × 7	1,38 × 0,28	4 colours	Pad printing or laser engraving

Body

Stone

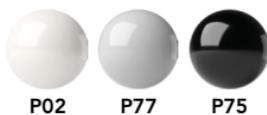


Button

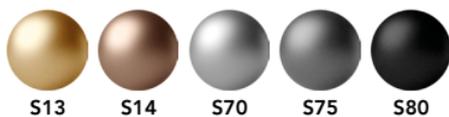
Transparent



Polished



Satin finish metal

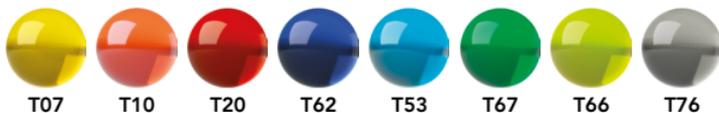


Chrome finish metal



Clip holder

Transparent

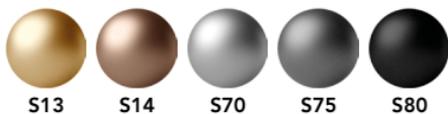


Polished



Metal clip

Satin finish metal



Made from 50% recycled plastic enriched with minerals.



QS40 Air

Print areas

	mm	Inch	Print	Notes
A Curved clip	36 × 7	1,41 × 0,28	6 colours	-
A1 Flat clip	40 × 7	1,57 × 0,28	6 colours	-
A2 Metal clip	35 × 7	1,38 × 0,28	4 colours	Pad printing or laser engraving

Body

Matt



Soft touch



Button

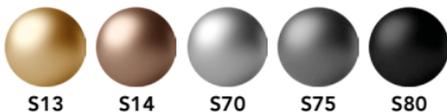
Transparent



Polished



Satin finish metal



Chrome finish metal

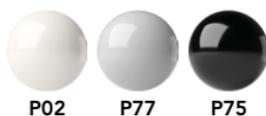


Curved and flat plastic clip

Transparent

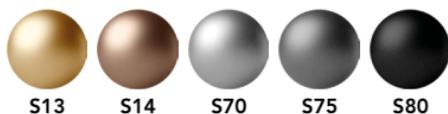


Polished



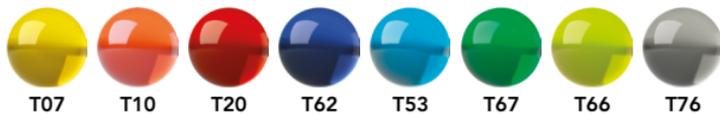
Metal clip

Satin finish metal



Clip holder (Only with metal clip)

Transparent



Polished



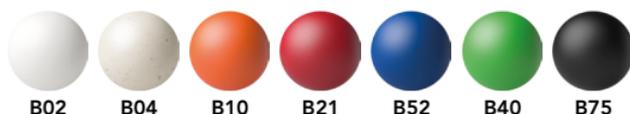
Black and white plastic parts made from 100% recycled plastic.
Coloured plastic parts made from 50% recycled plastic.



DS3 Biotic

Cap, body and nose cone

Biotic



Made from standard PLA, B04 PLA & wood powder.

Print areas

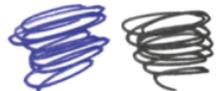
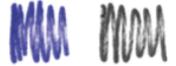
	mm	Inch	Print	Notes
A Clip	40 × 8	1,57 × 0,31	6 colours	-
B Back cap	25 × 4	0,98 × 0,16	1 colour	-
C Body	50 × 25	1,97 × 0,98	4 colours	-

Floating Ball® Lead Free refill

Standard



Options



Floating Ball® 1.0 mm Lead Free

Floating Ball® 1.0 mm Lead Free black casing

Floating Ball® 1.4 mm Lead Free

Floating Ball® 1.4 mm Lead Free black casing

Floating Ball® 1.0 mm Lead Free

Gel SuperDry® 0.7 mm Lead Free

Gel Asia 0.5 mm Lead Free

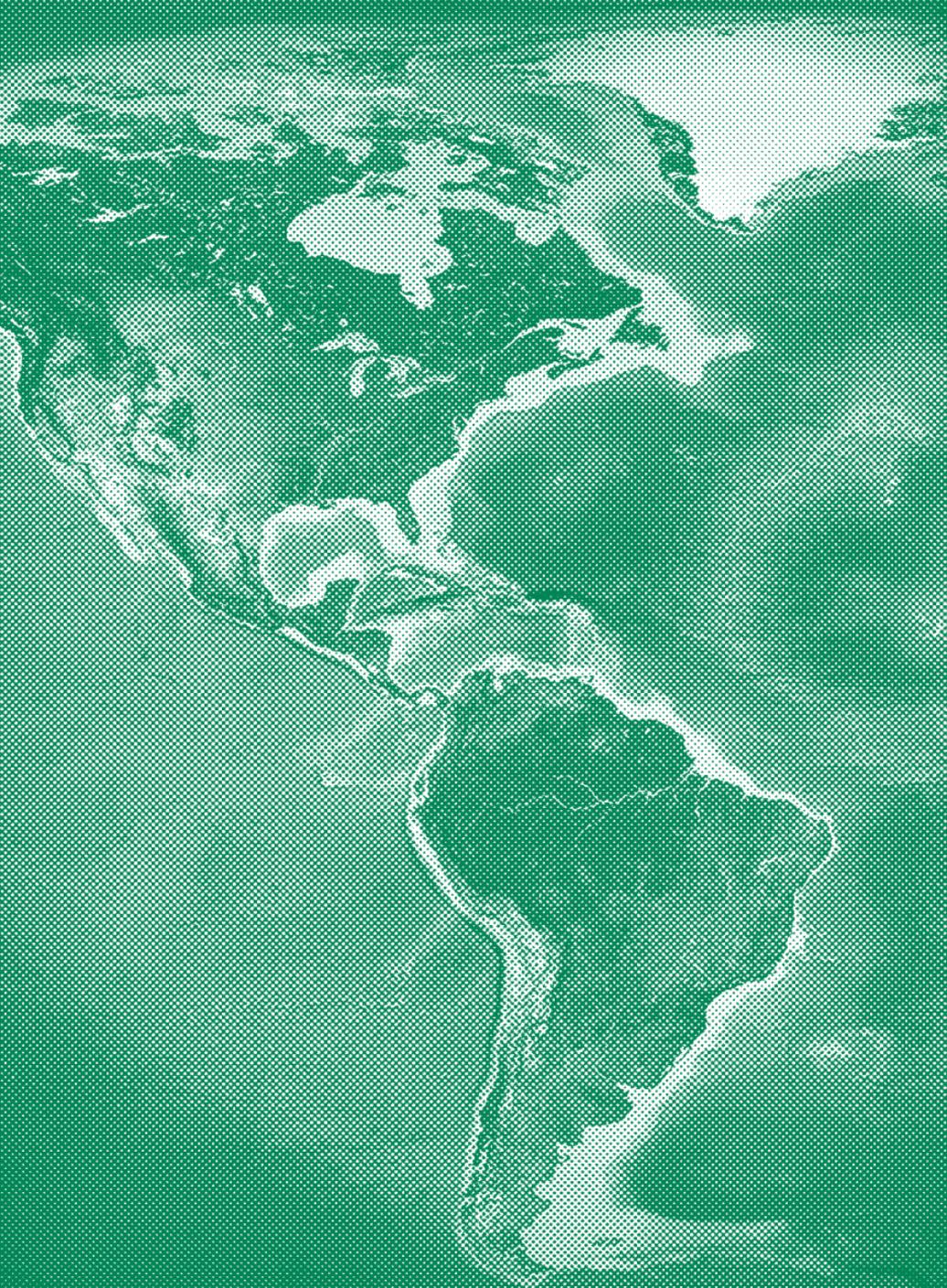




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