

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.

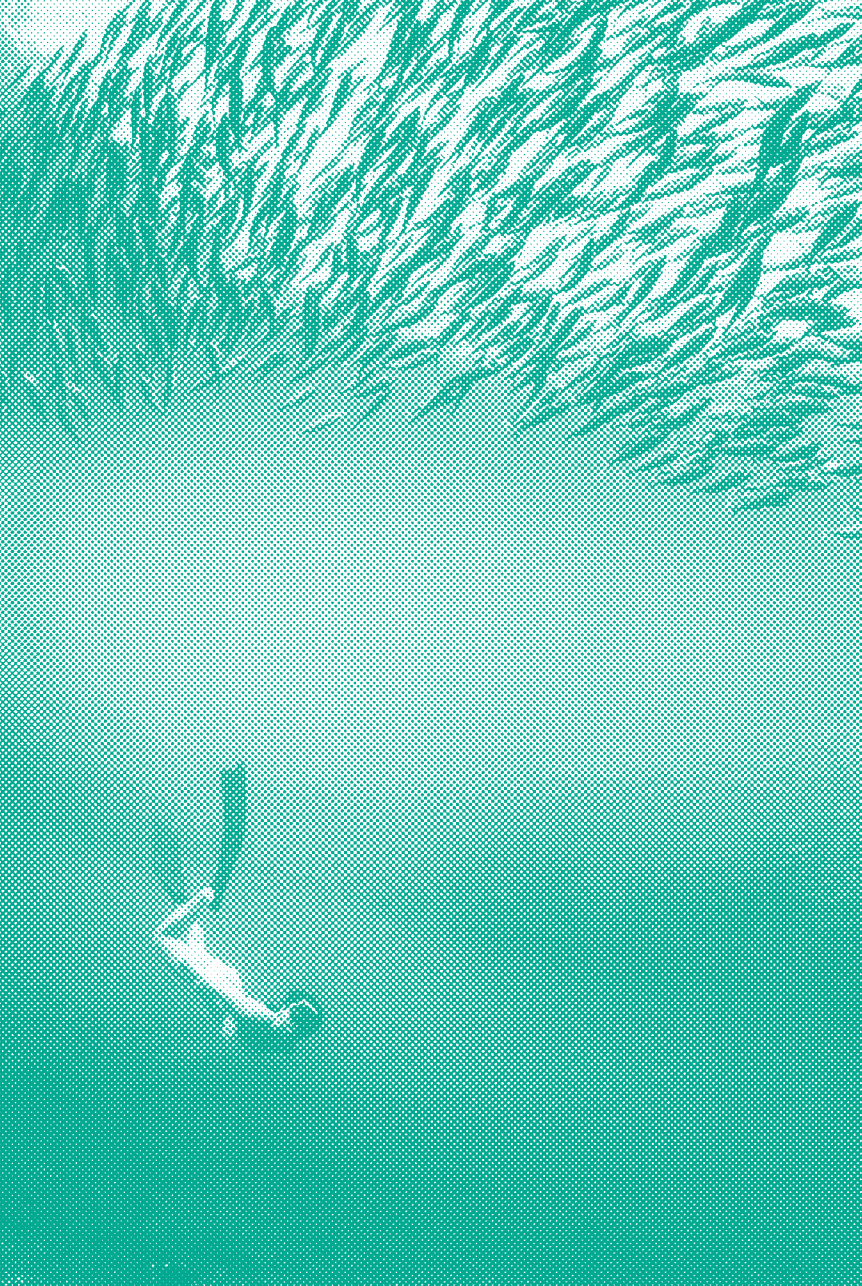
9.

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
fish in our
oceans,
not waste.**



Biopolymers are the building blocks of living organisms - and the revolutionary raw material from which the QS40 True Biotic casing is 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

Tech specs: pp. 38-39




Scan to watch the video



PHA: Created by nature for nature

	Marine enviroment
	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



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 enviroment	Fresh water	Soil	Home composting	Landfill	Anaerobic digestion	Industrial composting
						
						
						
						
						
×	×			×	×	
×	×			×	×	
×	×	×	×	×	×	

**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. 40-41

Scan to discover more



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

**Regeneration Pens
DS3, DS5, DS8**



All our writing instruments made of plastic have a minimum of at least 30% recycled content. With the DS Regeneration Pens this percentage increases to 100%. In addition, they are always equipped with particularly low-pollutant Floating Ball® Lead Free refills. This ensures a provable better environmental balance.

Plastic waste from our own production is reused for the recycle. It is of particularly high quality and has the same material properties as ABS from a regulatory point of view*.

Because our credibility is also the credibility of our customers, we only offer DS Regeneration Pens in a pure version: without options which would have to be produced from non-recycled plastic.

Each DS Regeneration Pen is discreetly printed with the international recycling symbol. Refillable, like all Prodir writing instruments.

* 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

Tech specs: pp. 42-47

Scan to watch the video



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

**QS Stone
QS01, QS20, QS30**



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.

Available for QS01, QS20 and QS30.



BPMA Promotional Pen Award Winner

Tech specs: pp. 48-51

Scan to watch the video



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

QS40 Air



60% less plastic, 100% more air.

Thanks to its elegant and material saving honeycomb-like structure, the QS40 Air uses up to 60% less plastic than comparable writing instruments. As with all Prodir writing instruments, 30% of the remaining plastic used comes from recycled internal waste. It's almost as light as air. That is why we have named it "Air".



Promotional Gift Award Winner

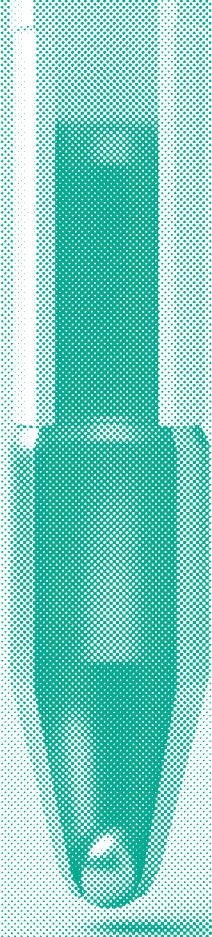
Tech specs: pp. 52-55

Scan to watch the video



**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®

Project Name	Project Description	Project Status	Project Manager	Project Start Date	Project End Date	Project Budget	Project Progress	Project Risks	Project Deliverables
Project A	Project A Description	Project A Status	Project A Manager	Project A Start Date	Project A End Date	Project A Budget	Project A Progress	Project A Risks	Project A Deliverables
Project B	Project B Description	Project B Status	Project B Manager	Project B Start Date	Project B End Date	Project B Budget	Project B Progress	Project B Risks	Project B Deliverables
Project C	Project C Description	Project C Status	Project C Manager	Project C Start Date	Project C End Date	Project C Budget	Project C Progress	Project C Risks	Project C Deliverables
Project D	Project D Description	Project D Status	Project D Manager	Project D Start Date	Project D End Date	Project D Budget	Project D Progress	Project D Risks	Project D Deliverables
Project E	Project E Description	Project E Status	Project E Manager	Project E Start Date	Project E End Date	Project E Budget	Project E Progress	Project E Risks	Project E Deliverables
Project F	Project F Description	Project F Status	Project F Manager	Project F Start Date	Project F End Date	Project F Budget	Project F Progress	Project F Risks	Project F Deliverables
Project G	Project G Description	Project G Status	Project G Manager	Project G Start Date	Project G End Date	Project G Budget	Project G Progress	Project G Risks	Project G Deliverables
Project H	Project H Description	Project H Status	Project H Manager	Project H Start Date	Project H End Date	Project H Budget	Project H Progress	Project H Risks	Project H Deliverables
Project I	Project I Description	Project I Status	Project I Manager	Project I Start Date	Project I End Date	Project I Budget	Project I Progress	Project I Risks	Project I Deliverables
Project J	Project J Description	Project J Status	Project J Manager	Project J Start Date	Project J End Date	Project J Budget	Project J Progress	Project J Risks	Project J Deliverables
Project K	Project K Description	Project K Status	Project K Manager	Project K Start Date	Project K End Date	Project K Budget	Project K Progress	Project K Risks	Project K Deliverables
Project L	Project L Description	Project L Status	Project L Manager	Project L Start Date	Project L End Date	Project L Budget	Project L Progress	Project L Risks	Project L Deliverables
Project M	Project M Description	Project M Status	Project M Manager	Project M Start Date	Project M End Date	Project M Budget	Project M Progress	Project M Risks	Project M Deliverables
Project N	Project N Description	Project N Status	Project N Manager	Project N Start Date	Project N End Date	Project N Budget	Project N Progress	Project N Risks	Project N Deliverables
Project O	Project O Description	Project O Status	Project O Manager	Project O Start Date	Project O End Date	Project O Budget	Project O Progress	Project O Risks	Project O Deliverables
Project P	Project P Description	Project P Status	Project P Manager	Project P Start Date	Project P End Date	Project P Budget	Project P Progress	Project P Risks	Project P Deliverables
Project Q	Project Q Description	Project Q Status	Project Q Manager	Project Q Start Date	Project Q End Date	Project Q Budget	Project Q Progress	Project Q Risks	Project Q Deliverables
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Project S	Project S Description	Project S Status	Project S Manager	Project S Start Date	Project S End Date	Project S Budget	Project S Progress	Project S Risks	Project S Deliverables
Project T	Project T Description	Project T Status	Project T Manager	Project T Start Date	Project T End Date	Project T Budget	Project T Progress	Project T Risks	Project T Deliverables
Project U	Project U Description	Project U Status	Project U Manager	Project U Start Date	Project U End Date	Project U Budget	Project U Progress	Project U Risks	Project U Deliverables
Project V	Project V Description	Project V Status	Project V Manager	Project V Start Date	Project V End Date	Project V Budget	Project V Progress	Project V Risks	Project V Deliverables
Project W	Project W Description	Project W Status	Project W Manager	Project W Start Date	Project W End Date	Project W Budget	Project W Progress	Project W Risks	Project W Deliverables
Project X	Project X Description	Project X Status	Project X Manager	Project X Start Date	Project X End Date	Project X Budget	Project X Progress	Project X Risks	Project X Deliverables
Project Y	Project Y Description	Project Y Status	Project Y Manager	Project Y Start Date	Project Y End Date	Project Y Budget	Project Y Progress	Project Y Risks	Project Y Deliverables
Project Z	Project Z Description	Project Z Status	Project Z Manager	Project Z Start Date	Project Z End Date	Project Z Budget	Project Z Progress	Project Z Risks	Project Z Deliverables

Technical specifications



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 biobased, non-toxic biopolymers (PHA).

Print areas

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



DS3 Biotic

Cap, body and nose cone

Biotic



Made from standard PLA, B04 PLA & wood powder.

Print areas

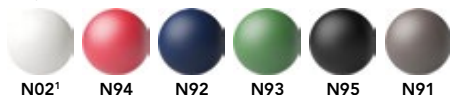
	mm	Inch	Print	Notes
B Clip	40 × 8	1,57 × 0,31	6 colours	-
C Back cap	25 × 4	0,98 × 0,16	1 colour	-
D Body	50 × 25	1,97 × 0,98	4 colours	-



DS3 Regenerated

Body

Regenerated Matt



Made from 100% recycled ABS plastic.

¹

Also available with antibacterial finish. Minimum order 500 pieces.

All other standard and special colours are available with antibacterial finish.
Minimum order quantity 5'000 pieces.

Print areas

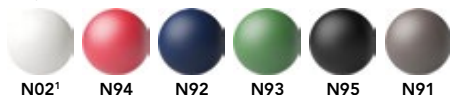
	mm	Inch	Print	Notes
A Clip	40 × 8	1,57 × 0,31	6 colours	-
C Back cap	25 × 4	0,98 × 0,16	1 colour	-
D Body	50 × 25	1,97 × 0,98	4 colours	-



DS5 Regenerated

Body

Regenerated Matt



Made from 100% recycled ABS plastic.

¹

Also available with antibacterial finish. Minimum order 500 pieces.

All other standard and special colours are available with antibacterial finish.
Minimum order quantity 10'000 pieces.

Print areas

	mm	Inch	Print	Notes
B Clip	40 × 7	1,57 × 0,28	6 colours	-
C Back cap	23 × 5	0,90 × 0,20	1 colour	-
D Body	35 × 30	1,38 × 1,18	4 colours	-



DS8 Regenerated

Cap and barrel

Regenerated Matt



Clip and button

Regenerated polished



Made from 100% recycled ABS plastic.

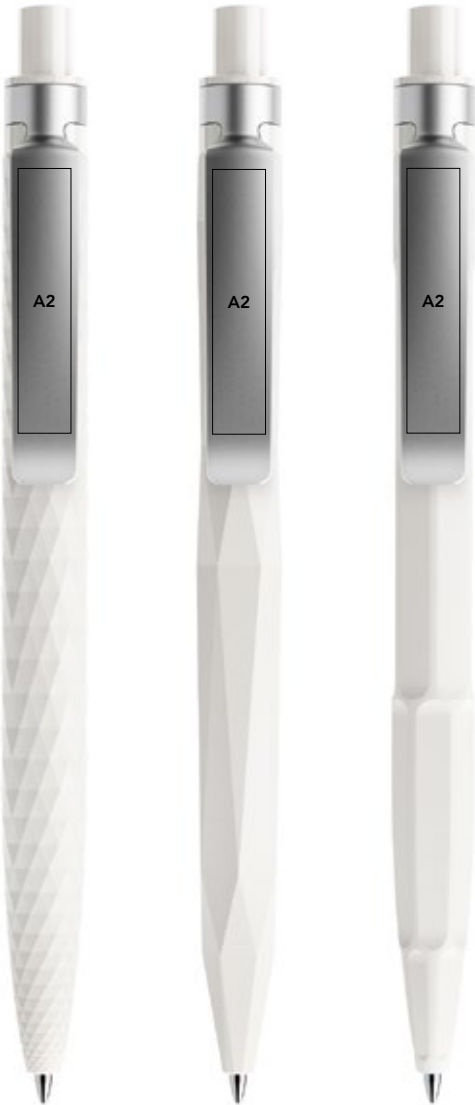
¹

Also available with antibacterial finish. Minimum order 500 pieces.

All other standard and special colours are available with antibacterial finish.
Minimum order quantity 5'000 pieces.

Print areas

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



QS01/QS20/QS30 Stone

Print areas

	mm	Inch	Print	Notes
A2 Metal clip	36 × 7	1,41 × 0,28	4 colours	Pad printing or laser engraving

Body

Stone



Button

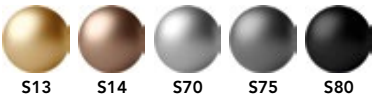
Transparent



Polished



Satin finish metal



Chrome finish metal



Clip holder

Transparent



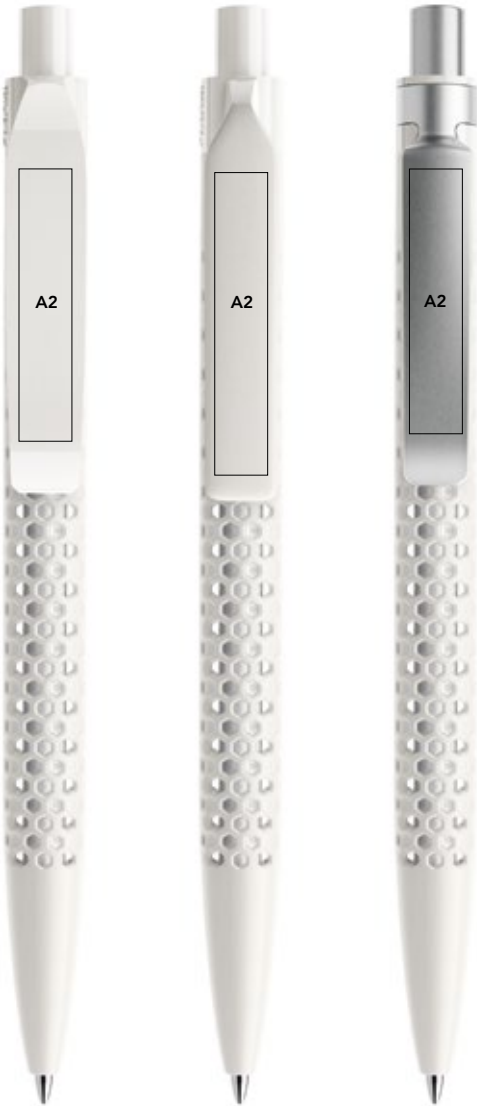
Polished



Metal clip

Satin finish metal





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



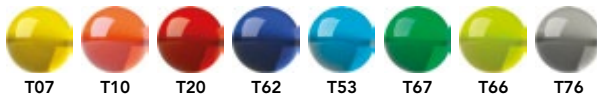
Metal clip

Satin finish metal



Clip holder (Only with metal clip)

Transparent

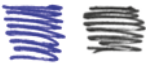


Polished

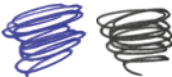
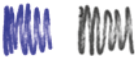


Floating Ball® Lead Free refill

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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