

# Product data sheet

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Head of ideas.

## Article description

STAEDTLER  
**Double-ended fabric pens 3190 TB12**

Made in Italy

## Constituents

Inks:	Water-based ink Pigment ink	
Plastics:	Barrel:	PP
	Cap:	PP
	Tip Holder:	PP
	Ink Carrier	polyester
	Tip	polyester
Packaging:	Etui:	PET

PP: polypropylene, PET: polyethylene terephthalate;

## Conformity

STAEDTLER Brush letter duo 3190 meet the standards:

ISO 11540	'Caps for writing and marking instruments intended for use by children up to 14 years of age – Safety requirements'. Ventilated caps reduce the danger of asphyxiation for children up to the age of 14 should caps be swallowed accidentally.
ASTM D-4236	These products are tested by ACMI (Art & Creative Material Institute) and conform to the US-Standard ASTM D-4236. According to the standard, a qualified toxicologist tests the products.

The products meet the Regulations (EC) No 1907/2006 (REACH) concerning the Registration, Evaluation, Authorization and Restriction of Chemicals.  
In accordance with REACH Regulation, Article 33, you will find our current articles subject to mandatory reporting under the following link <https://www.staedtler.com/REACH>

Contains preservatives \*C(M)IT/MIT (3:1), avoid contact between skin and undried ink.

## Usage notes

- For most light and dark fabrics
- No heat set required to fix the ink – let ink dry for 24hrs
- For increased colour coverage, apply further coats after ink is dry
- Light fabrics: washable up to 60°C, dark fabrics: not washable

Staedtler has been certified to ISO 9001 and ISO 14001 and considered in the selection of raw materials and their processing in the relevant national and international laws to protect the users.