



## SVHC compliance?

In June 2018 lead (Pb) has been included in the SVHC List of Substances of Very High Concern when its mass content is higher than 0.1% (REACH).

In the US, CPSIA 2008 regulation limits the mass content for lead to max. 0.009%. Demanding challenges. Raw materials commonly used to manufacture tips (brass, nickel silver - copper alloy - and stainless steel) surpass significantly these limits.

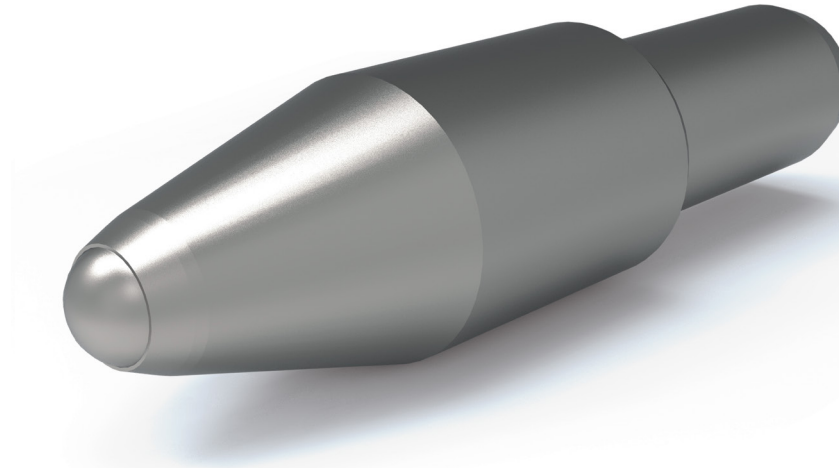
No problem.

At Premec lead-free tips are the new standard.

## For all systems. Sustainable and consumer friendly.

Tips made of Premec's new stainless steel lead-free alloy are used to manufacture a wide variety of existing and new design tips:

- Any type of gel tip, with and without spring loaded, without limitation of ball diameter
- Any type of roller tip, without limitation
- A very wide variety of ball point tips to match all high and medium viscosity inks and the majority of the low viscosity inks



Tip family	Ink	Ball diameter
Gel	No limitations	0.3-1.0-mm, no limitation
Roller	No limitations	0.5-0.7-mm, no limitation
Ball Point	No limitations in terms for High/Medium viscosity inks	0.6-1.6-mm (0.5-mm tbc)
	Low Viscosity inks may show constraints for ball diameters inferior to 1.0 mm.	

No limitation in terms of shape, conical or needle.

## Excellent performance and stability.

Our stainless steel lead-free alloy tips guarantee the same resistance against corrosion when compared to stainless steel tips with standard lead content.

Compared with ball point tips manufactured in BNP and NS, switching to stainless steel lead-free alloy tips allows for a series of relevant performance improvements:

- Premec lead-free tips made in steel appear in an elegant silver matt tone that does not change over time.
- They are less exposed to corrosion even by accidental contact with various chemical solutions.
- For high power refills such as Parker Metal (5 km writing length) the use of lead-free tips made in stainless steel (SS/10) ensure a uniformity of writing until the end of charge: they are more reliable while guaranteeing the constant level of high performance.
- They are more robust both in terms of abrasion of the rim on the paper and the abrasion made by the ball during the rotation in the tip housing.
- Like all tips made in stainless steel our lead-free tips show an excellent starting.

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