



Technical Data Sheet (TDS)



Housing material :	Stainless steel with 20 % chrome
Ball material :	Special corrosion free carbide
Line width :	Extra fine (following ISO 14145-1)
Initial I.L.D.** applied during the Premec production QC* :	about 115 mg/100m when tested under ISO 14145-1 test-, ISO 554 23/50 climatic-conditions and Premec reference gel inks basic colours (black and blue)
Typical application :	Gel refills and stick pens in basic colours (black, blue and red) Needle tip type
Packaging unit :	20'000 PCs
Minimum order quantity :	500'000 PCs
Remarks :	Suggested adapter shape A170 Interchangeable with Premec tip type 670 Not suitable for assembly in metal tubes
REACH regulation :	No component or ingredient of the tip includes S.V.H.C. (Substances of Very High Concern) above 0.1% WG listed at today's date in the Annex XIV of the European REACH regulation

** I.L.D. as for Ink Lay Down

* The laydown value has to be considered as reference. Specification tolerances have to be applied to consider following influences:

- tip manufacturing process	- other components effects	- test conditions	- weighing process
- ink specifications and batch	- climatic conditions	- paper quality	- refill dimensions and ink amount

It is required to proceed with a careful certification process to match the tips with the chosen ink, then we recommend to proceed with an limited industrialisation phase to understand the effects of all process and component tolerances.