



Technical Data Sheet (TDS)



Housing material :	Stainless steel (min 12% Cr)
Ball material :	Special corrosion free carbide
Line width :	Extra fine (following ISO 27668-1)
Initial I.L.D.** applied during the Premec production QC *	about 115 mg/100m when tested under ISO 27668-1 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 in the Annex XIV of the European REACH regulation. Separated document available on request

** 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 | - weighting 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 a limited industrialisation phase to understand the effects of all process - and component - tolerances.