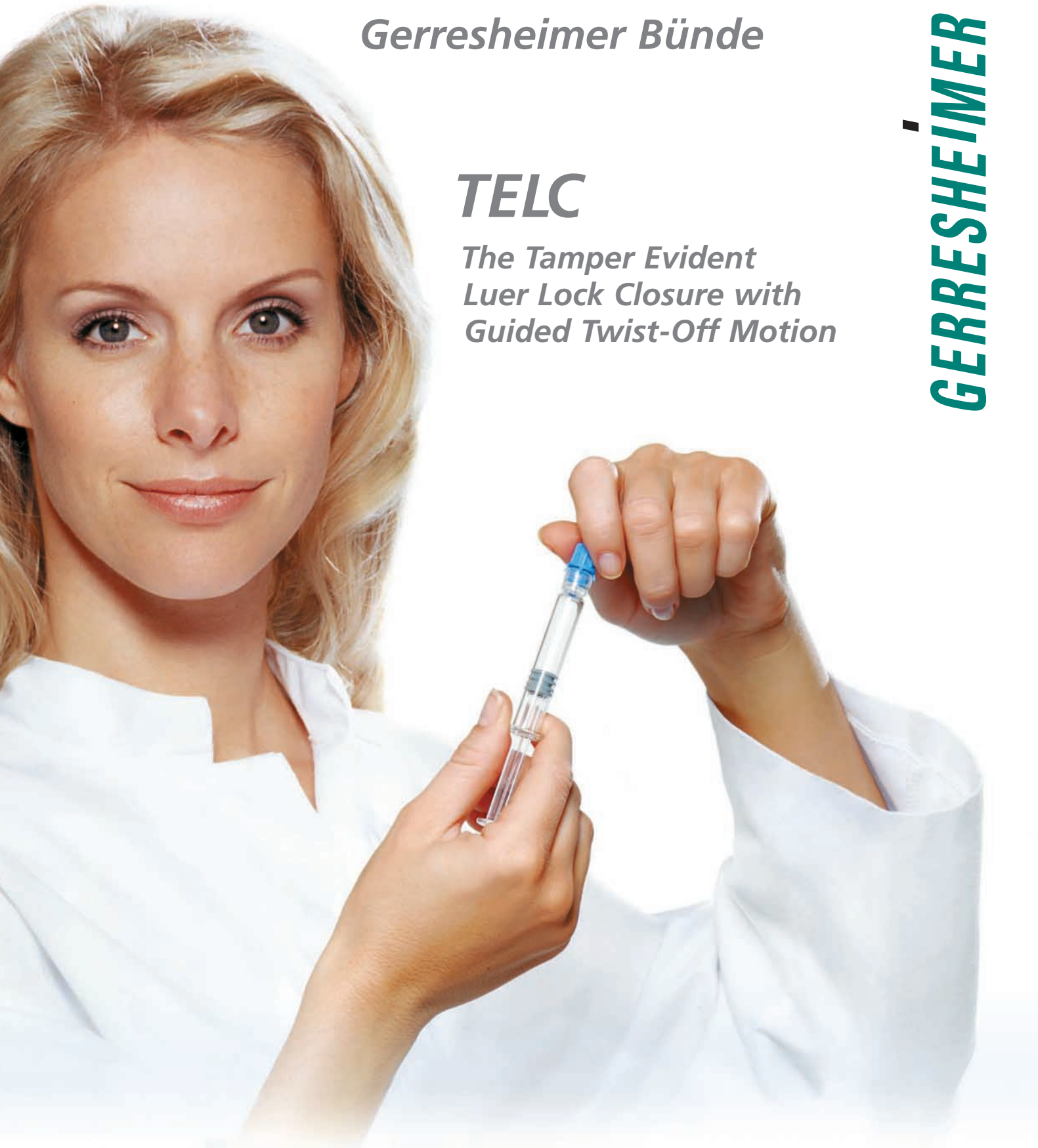


Gerresheimer Bünde

TELC

*The Tamper Evident
Luer Lock Closure with
Guided Twist-Off Motion*

GERRESHEIMER



TELC – The Tamper Evident Luer Lock Closure with Guided Twist-Off Motion



Intelligent Structure

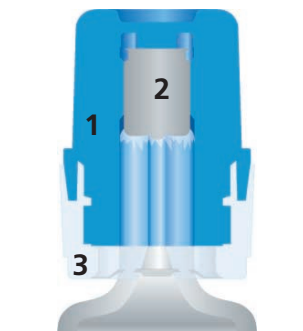
The TELC closure is manufactured through two-component injection molding of cap and Luer lock adapter with in-process insertion of the elastomer sealing which offers you

- excellent sealing of the closure system,
- full microbiological integrity (CCI),
- high reliability due to precise dimensions,
- low particle burden, low abrasion and
- low bio burden.



Innovative Materials

All TELC materials are fully biocompatible to meet the requirements of your drugs according to USP class VI and ISO 10993-1. The sterilization options of ethylene oxide, gamma irradiation and steam provide you flexibility for both ready-to-fill and bulk applications.

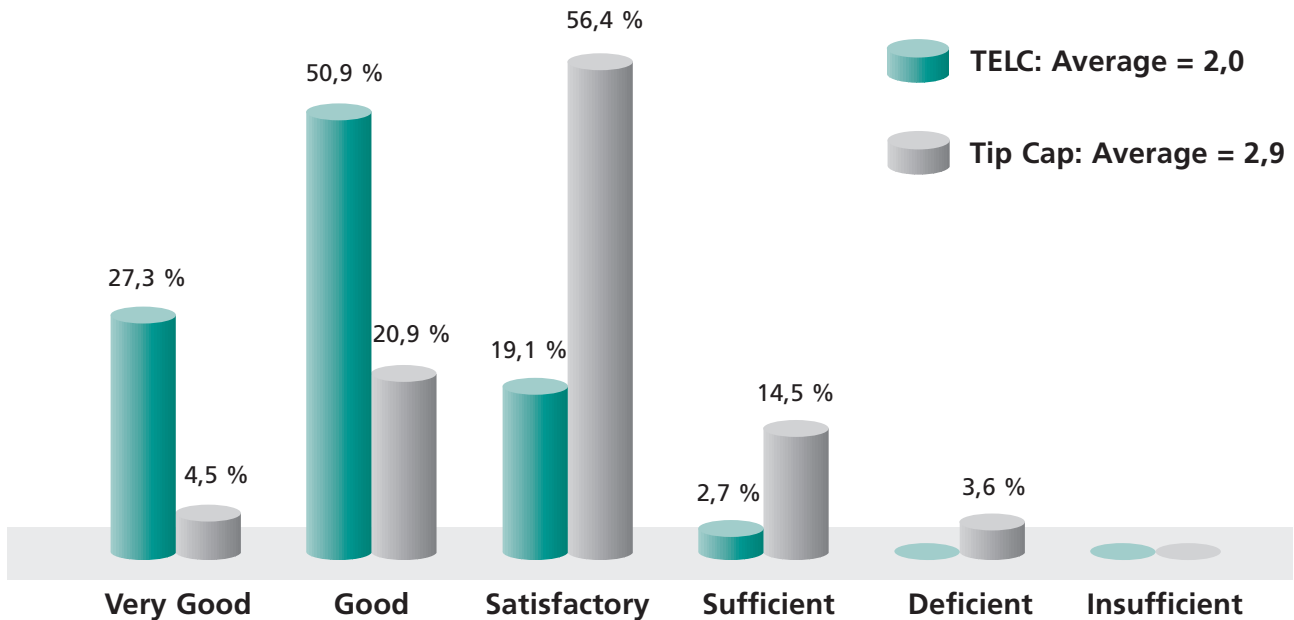


1. Twist-Off Cap: Medical grade thermoplastic elastomer
2. Elastomer Sealing: Pharmaceutical formulations
3. Luer Lock Adapter: Medical grade polycarbonate

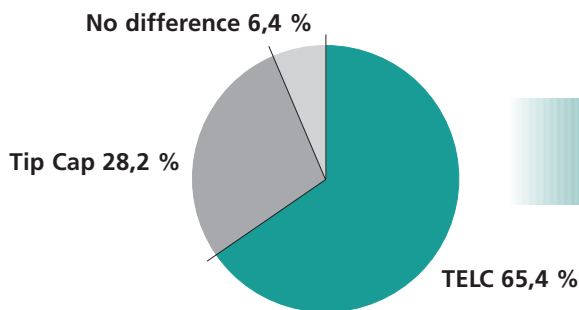
TELC – From the Perspective of End Users

Overall Evaluation*

(*MEFOS market study 10/2006, face-to-face interviews, n = 110 doctors, nurses and patients)



Which Closure Concept Do End Users Prefer?



- Indicates if syringe has been used
- Better control, no jerking motion
- No accidental loss of drug
- More secure and more tight
- Simpler handling and opening*

End Users Like that the TELC ...

- facilitates tamper evidence of the closure,
- is suitable to tightly reseal the syringe,
- provides color coding for the syringe and
- shows excellent feel and grip.*



Offer these advantages of the TELC closure to the end users of your new products and manage your current product portfolio's life cycle.

Gerresheimer Bünde GmbH

Gerresheimer Bünde is a specialist in pharmaceutical glass systems focused on solutions for injectables. We offer a comprehensive range of products and services to the highest standards for our customers. In the fast growing market of prefillable sterile syringe systems, we are widely acknowledged as a technology leader. Moreover, we provide bulk syringes and cartridges.



High Technology Based on Glass – Tailor-Made for your Requirements

- Under our leading trademark RTF® (ready-to-fill) we supply a wide variety of prefillable syringe systems – sterilized, siliconized and preassembled.
- Our high-value added syringe systems are dedicated to the specific requirements of the drug classes in prefillable syringes.
- As a leader in advanced surface treatment technology, we offer customized solutions for highly sensitive biopharmaceutical drugs.
- A broad range of accessories and innovative system components assures safety and ease of use of our products.
- Standardized packaging configurations facilitate fast and efficient manufacturing processes at our customers.
- We offer strategic development partnerships for your projects, technical support and comprehensive service.

Drug delivery is one speciality segment of the Gerresheimer Group. Based on glass and plastic, a wide range of high-quality pharma packaging solutions and pharmaceutical as well as technical medical systems are developed by the Group. In all segments, it holds leading international positions. With its broad product spectrum, high development competence and seamless service, Gerresheimer Group is the ideal full-service partner – everywhere in the world.