

STRUBL mission

STRUBL KG is managed successfully as a midsize family company by the third generation. With more than 60 years of market experience, the company and its staff guarantees know-how, flexibility and innovation. To supply high-quality products, all core technologies are available in our strong company network with 2 production plants and 3 sales offices owns : blown film extrusion, printing / lamination of material, conversion of bags, control devices and engineering.

STRUBL is focused on three business units:

- ▶ **Cleanroom Packaging:** GMP-Packaging products manufactured in encapsulated cleanrooms are suitable as primary or secondary packaging in the cleanroom chain
- ▶ **Plug&Pack® Systems:** flexible and highly efficient automatic packaging systems for premium consumer packaging or low-cost functional packaging
- ▶ **Flexible Plastics:** films and bags for industrial and consumer packaging with customer designed features for all markets

We supply our customers in different markets f.e. medical device, pharmaceuticals, chemicals, food, electronics, cosmetics, automotive.

Our vision is to supply best quality, know-how and service to realize a maximum of added value for our customers. This attitude is supported by our technical flexibility, the internal engineering and tool manufacturing, permanent product- and process development and our specially trained and motivated staff, working to satisfy our customers requirements.



Quality - Flexibility - Competence

Our production system is covered by an integrated quality management system certified according to ISO 9001 which is permanently developing our product and process quality. This continuous improvement enables us to deal with increasing market requirements. GMP principles are installed and monitored over all process steps. Our customer relationship is distinguished as a long term partnership that enables us to settle an organizational learning process to realize economic benefits for our partners.

www.cleanroompackaging.eu



Plastic Packagings · Plug & Pack Packaging Systems

Cleanroom Packaging

- ▶ primary and secondary packaging material
- ▶ protect against contamination in cleanroom production
- ▶ GMP- and cleanroom qualified
- ▶ for pharmaceuticals, medical devices, chemicals, automotive, (micro) electronics, food



Strubl KG

Richtweg 52
D-90530 Wendelstein
Tel.: +49(0)9129-90350
Fax: +49(0)9129-903549
Email: strubl@strubl.de
Internet: www.strubl.de

www.cleanroompackaging.de

► Cleanroom Quality

Packaging material used in cleanroom production facilities have to meet the same quality requirements like the produced products. Fact is, that only cleanroom packaging materials are able to eliminate contamination risks caused by packaging materials. This is valid all over the cleanroom-value-chain from rawmaterials via components up to consumer products.

► Cleanroom Production



Production and quality processes meet GMP requirements and are entirely encapsulated as cleanroom production facilities: Blown-film extrusion (mono and coex) as well as automatic and manually converting, tailor-made finishing up to final protective packaging ("bag-in-bag"). Our particle and bio-burden monitoring system ensures stable low-germ and low-particle cleanroom quality.

► GMP Philosophy

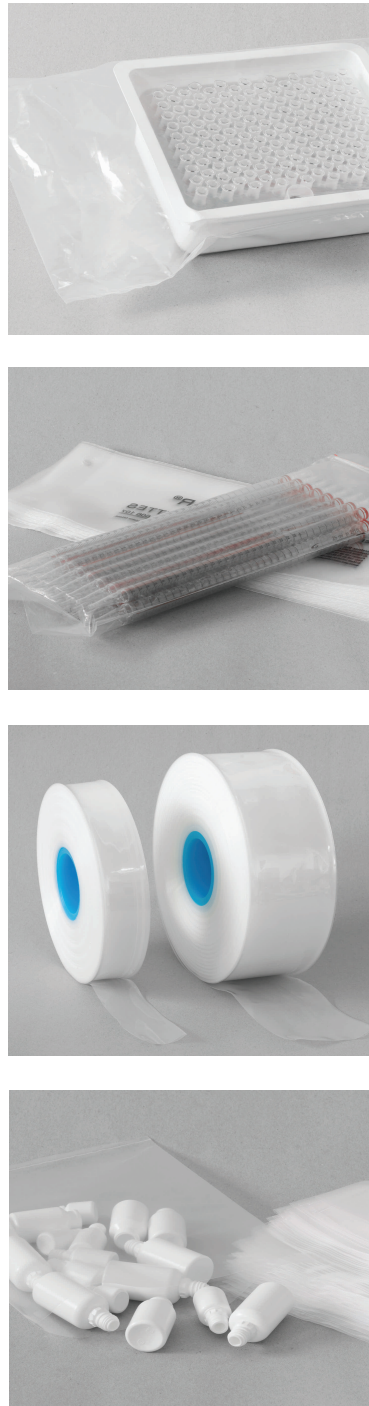
- Cleanroom production (ISO 14644 - Class 8, GMP C in operation)
- integrated pest control / HACCP-principles / cleaning procedures
- GMP designed manufacturing process, documentation / training
- traceability / validation / change control
- raw-materials in compliance with EU regulations, EU-Pharmacopoe / FDA / USP
- final protective packaging ("bag-in-bag")
- ISO 9001: 2008, EC-quality checklists, in-process-control, Certificate of Analysis
- consistently documentation / specification: raw-materials and process
- particle and bioburden Monitoring



► Cleanroom Packaging

We develop and produce custom designed specifications and quality. Low-germ and low-particle cleanroom facilities featuring highest product-quality. All our products may be sterilized and therefore are fit for highest quality applications.

Films				
Bags				
Dimensions	50 mm x 100 mm to 1300 mm x 2000 mm			
Resin	LDPE/LLDPE	HDPE/MDPE	PP/EVA	
Quality	food grade	EUPC, USP	antistatic migration/permanent	
	additives (slip/antibloc)	sterilization	transparent, coloured	
Features	marking Ink-Jet	marking stamping	perforated macro/micro	
Packaging	bulk	"bag-in-bag"	plastic core	plastic palette



► Plug & Pack Packaging System



Our Plug & Pack Systems concentrates flexibility and efficiency within one system. Medical devices / pharmaceutical products are filled / printed / labeled and sealed by an automated system. Minimum set-up time, easy handling and technology standards are permitting cost-benefits Plug&Pack stands for product and process reliability.