



## COMPANY PROFILE



## AVK PLAST A/S

AVK Plast A/S are experts in the field of plastic injection moulding and produce a wide range of various plastics. In order to realise our ambitions to be one of the leading suppliers in plastics within Europe fine workmanship and updated know-how have been combined with modern technology and automated processes.



Our working procedures are carried out in accordance with the LEAN and Six Sigma principles and we continue to focus on adjusting and trimming our organization to match the requirements of the actual markets.

The strategy of our organization is to be innovative by emphasising the creation of highly flexible production facilities together with extensive capacity, trained staff, and a high degree of readiness to adjust our company to its changing environment.

The final product is the result of a continually evolving, complex and extensive production process, and we consider ourselves the professional and dynamic sparring partner of choice in an increasingly global market.

One of our distinct ambitions is to be actively present during each part of the development phase in order to achieve a quick and efficient dialogue. This ensures that our customers receive optimum advice throughout the whole process - from the initial outline to the finished product.

Even by the test running of the first series, our procedures secure an optimized solution in order to prevent incurring additional costs due to mistakes. In this way we can help our customers to keep their costs down to a minimum and thus secure optimal value for both them and our company.

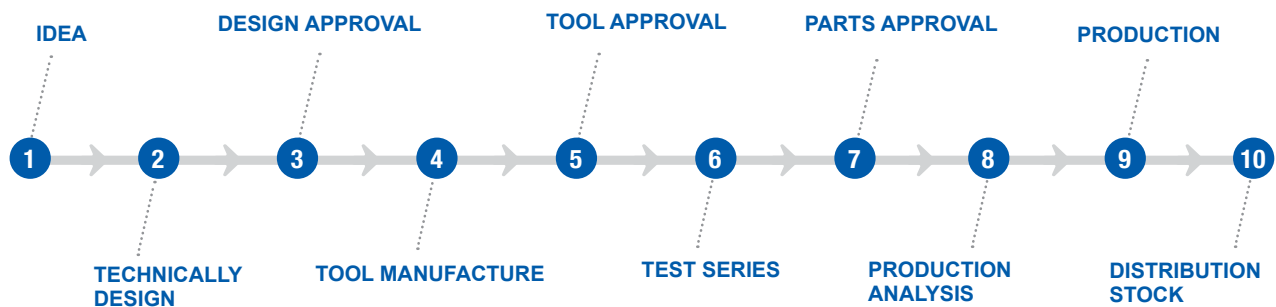
AVK Plast A/S is located in Ribe and is a subsidiary of the globally present AVK group. ([www.avkvalves.com](http://www.avkvalves.com)).



## STANDARD PROCEDURES ENSURE SMOOTH DEVELOPMENT PHASE, EFFECTIVE PRODUCTION, AND SECURITY OF SUPPLY

As a professional sparring partner the qualified staff at AVK Plast A/S are prepared to respond to any question from outline to the final product. Furthermore, drawings supplied by the customer are always met with qualified advising as

to function, raw materials, and tools. Thus we secure the customer a high degree of confidence in the collaboration supported by our fixed production procedures.



## DEVELOPMENT OF TOOLS BASED ON KNOWLEDGE

To meet our high demands as to quality and taking the objectives of flexibility and quick adjustment into account AVK Plast A/S has its own development department.

Together with our customers, we develop and produce tools in accordance with customer specifications, and based on our knowledge we ensure the most rational and suitable production process.

Considering the latest technologies, all tools are designed on CAD-CAM systems, where the approved data are being

uploaded to CNC-controlled working centres and sparking machines and afterwards constructed with a high degree of precision designed for the automatic production.

During the daily production, maintenance and repair are carried out by the section staff, which ensure maximum operation conditions and minimize delays caused by operation stand still.



## MEASURABLE AND SYSTEMATIC QUALITY CONTROL

AVK Plast A/S gives the work of quality control high priority as to careful and systematic handling. Thus we operate with a number of parameters, which makes it possible to monitor and register that all units comply with national and international standards as well as our customers' and own company quality requirements.

As we produce both low budget products with minor demands to accuracy and finish, and advanced precision products, we focus on the planning of the quality-oriented activities. From the initial meeting with our customers we start a constructive and systematic dialogue in order to obtain an exhaustive knowledge to the product in details, the accurate requirements and the quality criteria specified by the customer.

In case of any deviations during the production, we work purposeful to correct and improve the process in time for the next production.

PDCA (Plan Do Check Action) is merely one of the elements in the planning of our quality control. During the production, we specify PPAP documentation, which is a wish or a requirement from a still growing part of our customers. In connection with statistic process control (SPC) and reporting, we take out crucial measure points. We check i.e. Cp and Cpk values that indicate the quality of the process in proportion to the specifications made by the customer.

AVK Plast A/S is ISO 9001:2008 and ISO 14001:2004 certified.



## FLEXIBILITY AND CAPACITY IN THE PRODUCTION LINE

AVK Plast A/S has comprehensive machinery including one of the largest injection moulding machines in Scandinavia. The machine has a locking pressure capacity of 1800 tonnes and covers a weight of components up to 17 kg.

Forty production lines are equipped with moulding machines with locking pressures of 35-1800 tonnes and process-operated robots capable of producing small as well as large series consisting of components from 2 g up to 17 kg. Furthermore our assembly section carries out specific

mechanical and E-technical orders in accordance with the customers needs.

In order to obtain a solid expertise of the various methods and processes our plant are operated by personnel, which rotate in regular turns in the production. This procedure enables the staff to take on all functions in the production. The technical all-round qualifications of our staff, company flexibility and the ability to adapt enables us to undertake quick adjustments and changes as to meet our customers needs.



AVK Plast A/S,  
Øster Vedstedvej 26A  
6760 Ribe  
Denmark

Web: [www.avkplast.dk](http://www.avkplast.dk)  
E-mail: [info@avkplast.dk](mailto:info@avkplast.dk)  
Tlf. : +45 75 420 144  
Fax: +45 75 410 394

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