



# Ultrasonic Sealing Development Engineer

**Would you like to be in the forefront of technology development and help us developing the sealing systems for tomorrows packaging materials and filling equipment?**

Tetra Pak Development & Engineering organization seeks to achieve value-driven innovation by defining new concepts, developing new technologies and scouting for partnerships. Within Sealing Solutions & Materials Engineering, the “Sealing Technologies” team is now looking for a **Development Engineer** who can help develop and implement Ultra Sonic technology applied on package sealing in Tetra Pak filling machines.

**Overview of the Position:**

You will be part of a team of technology experts working to develop and optimize US components by means of advanced understanding of the physics, virtual engineering, modelling and physical testing. Your main goal is to secure the optimal sealing for our packages, protecting the product.

As US specialist you will be End to End responsible from component design to the support of your colleagues working on the sealing quality assurance. Robust design principles are important corner stones and strongly embedded in our work.

The position is based in Modena (Italy) and reports to the Sealing Technologies Manager. Around 10% travelling is required.

**Experience:**

The successful candidate has documented experience with Ultra Sonic technology. It is requested to be familiar with virtual simulations (FEM) of US process and physical testing to validate simulation models. Statistical knowledge and being familiar with related softwares is a plus.

**Language and Education:**

The successful candidate has a Master of Science degree or higher education in engineering or physics with strong competence in the area of Ultra Sonic. Experience with US virtual simulations (FEM), model calibration and verification will be considered as an advantage. You have a good written and spoken English with proven presentation skills.

**Personal Qualifications:**

As an individual, you have strong personal drive and are independent in the exploration of the given task, taking initiatives and proposing solutions and actions. Since you will work in a multi-national environment, you are a team-player able to collaborate with your colleagues.

Position title: Development Engineer

Job title and level: S&E Technology Expert F

Should you be interested in this position, please apply at [https://jobs.tetrapak.com/job/Modena-Ultrasonic-Sealing-Development-Engineer/524899801/?locale=en\\_US](https://jobs.tetrapak.com/job/Modena-Ultrasonic-Sealing-Development-Engineer/524899801/?locale=en_US) no later than May 17<sup>th</sup>.