



2019

Varese, Italy

Rubber and Plastics

A company active in the field of laminating and resin coating of flexible plastics. In 2019, the need arose to optimise the abatement of effluents sucked from the plasticising ovens.

In order to maintain the efficiency of the filters, pre-treatment flue gas abatement was necessary.

The design included a water/fume exchanger, fed by chilled water from a chiller.

The heat exchanger was designed with special attention to tightness, pressure and ease of maintenance and cleaning of the internal exchangers. The need for any disassembly for extraordinary washing operations was taken into account in the design.

The construction materials were carefully evaluated with regard to effluent compatibility, designing a particularly robust exchange pack so that it could be operated with a pressure lance without compromising functionality.