

INFN/Rolleng collaboration brings benefits to both parties



The Challenge

Rolleng recognised that access to a technology such as Physical Vapour Deposition could improve the value of its main products. The core business of Rolleng is Wire and Tube Rolls production.

The Solution

Through the collaboration with INFN, Rolleng gained access to the expertise and the [PVD lab](#) at INFN-LNL premises. This technique is suitable to coat the Wire and Tube Rolls and can provide a wide range of different coatings (e.g. hard coatings).

The Benefits

INFN provides a PVD prototype to Rolleng and a study on hard coatings to apply on the Wire and Tube Rolls and improve their life time. INFN acquired the know-how on hard coatings deposited via PVD techniques.

[Learn more about this collaboration](#)