



Cost-Effective Low Friction SEALS by Texturing during Moulding Technology

TDM-SEALS project aims to develop a novel production process for the fabrication of low friction plastic and rubber seals at competitive prices to achieve:

- Cost-effective production mechanism for the fabrication of moulded seals with a reduction (>20%) in their dynamic friction
- Reduced production costs related to the demoulding process by developing ceramic coatings that reduce (>30%) the adherence elastomer-mould
- Opening access to new markets of sealing solutions for highly demanding applications so enabling SMEs to gain a competitive advantage

Benefits

Affordable low friction sealing solutions that decrease their operational cost

Affordable sealing solutions that reduce their energy consumption

Affordable sealing solutions with enhanced tribological properties reducing the risk of leakages

TDM-SEALS



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