



# Baytherm<sup>®</sup>: High-performance polymers for pipe insulation



# Exploring Excellence:

## Enhancing Pipe Insulation with Baytherm® High-Performance Polymers.

Our rigid polyurethane solutions have excellent mechanical and insulating properties, resulting in minimal heat exchange. Particularly noteworthy are the compression values. Our Baytherm® systems impress with extraordinary flowing properties, each system covers a wide range of pipe cross sections.

It is the material of choice for pipe insulation. Covestro supports pipe manufacturers in the production of insulated pipes by providing raw materials for rigid polyurethane.

### We offer:

- Customer service and technical support
- Development of new solutions for pre-insulated pipes
- Cooperative development of new technologies
- Sustainable solutions to reduce our customer's environmental footprint

### Our portfolio includes various robust solutions for pre-insulated rigid pipes and manufacturing technologies:

- Pentane-blown systems for discontinuous pipe manufacturing
- Pentane-blown systems for continuous spray pipe manufacturing

## All systems are compliant with EN253

|  | <b>Baytherm® 30HK43 F</b><br><b>Baytherm® 27HK04 G</b><br>c-pentane-blown systems | <b>Baytherm® 41HK01</b><br>c-pentane blown system |
|--|---|---|
| Manufacturing  | discontinuous   | spray (continuous)                                |
| Free-rise density (kg/m <sup>3</sup> )               | 27-28   | 47  |
| Thermal conductivity (mW/(m·K))<br>measured at 50 °C | 25-26   | 23  |
| CCOT, 30 years lifetime (°C)                         | 148-151   | 130   |

### Connect with us and dive deeper into the world of Baytherm® High-Performance



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