



Photo: Alvenius



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## Channel Tunnel/Euro Tunnel

**FACTS: Countries:**.....United Kingdom - France  
**Dim:**.....4" (102mm) and 6" (152mm)  
**Media:**.....Water and air

The British companies, Balfour Beatty, Edmund Nuttall and Taylor Woodrow built the three parallel tunnels between France and England, a distance of 52 km.

11 TBMs, 160 locomotives and over 1100 items of rolling stock were used at a cost of over £ 8000 million. While building these tunnels pipes were needed for dewatering and for supply of air and water to tunnel face.

The pipes had to be easy to handle and they were moved and used over again. The price, weight, product range and availability resulted in a over 3 years cooperation between the channel tunnel consortium and Alvenius. Over 20 000 m Ø 102x2 mm pipes and 45 000 m Ø 152x2 mm pipes and accessories were used and reused. All pipes and accessories were hot-dip galvanized for optimal corrosion protection.

The successful cooperation resulted in more important tunnel projects for Alvenius in the UK, including Honour Oak, Croydon and Heathrow Tunnels.