

Reference

PLEXIGLAS®

Transparent PLEXIGLAS® tubes with special diameters



Market segment

Lighting Technologies

Location

Munksjö Bridge in southern Sweden

Product

Special tubes made from PLEXIGLAS® GS sheets (dimensions: outer diameter 711 mm, length 2,900 mm, 10mm wall thickness)

Selection criteria

- brilliant, transparent
- excellent fabrication and machining properties, thermoformable

Fabricator

Hecker Kunststofftechnik, Dortmund
<http://www.plexiglas-hecker.de>

Description of the application

Munksjö Bridge in southern Sweden was built by a leading European construction company. The ten eye-catching brilliant and transparent segments at the tip of the masts were fabricated by Hecker from PLEXIGLAS® GS special tubes (dimensions: outer diameter 711 mm, length 2,900 mm, 10mm wall thickness). This involved the optically invisible bonding of two thermoformed and subsequently CNC-routed half-tubes with two longitudinal joints. The PLEXIGLAS® tubes were used as the crowning point on pylons that are illuminated with a changing play of color. This method is especially suitable for small numbers of items with diameters between 100 – 900 mm and lengths up to 2,900 mm.

Evonik Industries AG

Acrylic Polymers

Kirschenallee, 64293 Darmstadt, Germany

info@plexiglas.net www.plexiglas.net www.evonik.com