



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

W. L. Gore & Associates, Inc.  
Energy chain and cable systems  
**Report No. GO 0810-448**

DUPLICATE

### Qualification Certificate

This is to certify that the product mentioned below, tested on behalf of

**W. L. Gore & Associates, Inc.**

385 Starr Road  
Landenberg, PA 19350  
USA

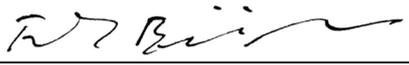
has been awarded a Fraunhofer IPA Qualification Seal bearing the report number GO 0810-448.

The Igus E6 with 2 layers of GSC-06-6038-00 planar cables is suitable for use in cleanrooms fulfilling the specifications of Air Cleanliness Class ISO Class 1 at a velocity of 0.5 m/s, 1.0 m/s and 2.0 m/s in accordance with ISO 14644-1.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report compiled by the Fraunhofer-Gesellschaft.

The duration of the validity of this certificate is unlimited. For further information visit our website at [www.ipa-qualification.com](http://www.ipa-qualification.com).

Stuttgart, Germany, November 28<sup>th</sup> 2008

i. A.   
Signature project manager



**Fraunhofer** Institut  
Produktionstechnik und  
Automatisierung