



An Orbia Connectivity  
Solutions business.



Experience  
Quality  
at Dura-Line

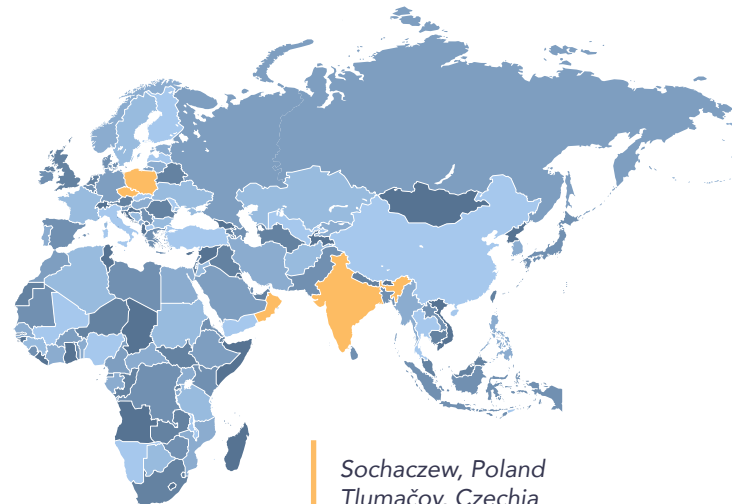
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# Experience **QUALITY**

## Quality is woven into everything we do.

Dura-Line serves the Europe, Middle East, and Africa (EMEA) region via four manufacturing facilities located in Czechia, Poland, India, and Oman. As part of a global network of premier research and manufacturing facilities for communications infrastructure, we operate with the scale and reliability of a global industry leader and the agility of a local manufacturer.



Sochaczew, Poland  
Tlumačov, Czechia  
Goa, India  
Sohar, Oman

## We demand the very best in raw materials.

We source and test high-quality resins from trusted suppliers, so we know they will meet your requirements. Our 100% in-house conduit production processes employ high levels of scrutiny and quality control throughout—this means we can count on full traceability through a product's entire operational lifetime.



## DURA-LINE GLOBALLY

**21**

MANUFACTURING  
FACILITIES

**50+**

YEARS OF LEADERSHIP

**17K**

EMPLOYEES

**500M+**

METRES OF INFRASTRUCTURE  
PRODUCED ANNUALLY

“

*We are confident in both the quality of Dura-Line's products and the level of professionalism with which they handle shipments and on-the-ground support.”*

**NOVA**

*Nova is a provider of broadband, TV, mobile, and fixed services in Greece.*



## We've been a driver of growth and innovation for over 50 years.

Our Manufacturing, Quality, and Field Application Engineering teams collaborate closely to improve customer outcomes, minimise waste, and increase efficiency, which enables us to innovate for specific customer challenges. Our integrated business planning means we can deliver world-class on-time shipment performance and shift orders between facilities according to customer needs, such as urgent delivery and “Made-in-the-EU” requirements.



Top: Sochaczew, Poland  
Bottom: Tlumačov, Czechia

## We give you a complete, comprehensive quality experience.

Our world-class manufacturing process, expert sales staff, and responsive technical support provide a full-circle quality experience: by the time the conduit that protects your infrastructure is installed, you can be confident in its performance and traceability all the way back to the resin used to manufacture it.

Take the journey and see for yourself what quality really means.





# The Dura-Line **QUALITY JOURNEY**



## Raw Materials

Highest-quality resins sourced from trusted suppliers.

## Research & Development

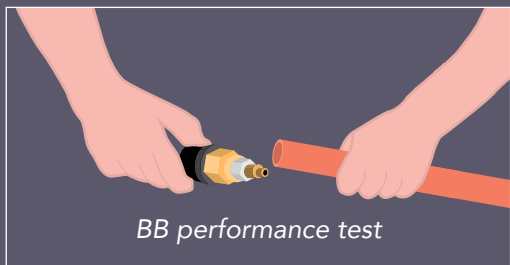
Pre-production quality checks on individual batches of resin.

## Manufacturing

Automated, real-time monitoring of MicroDuct dimensions during extrusion.

## Field Support

Team of expert Field Application Engineers provide on-site support for all aspects of conduit network design and installation, including cable installation, whether you buy direct or through distribution.



## Product Testing

Production testing on every finished MicroDuct and FuturePath product confirm performance and integrity prior to shipment.

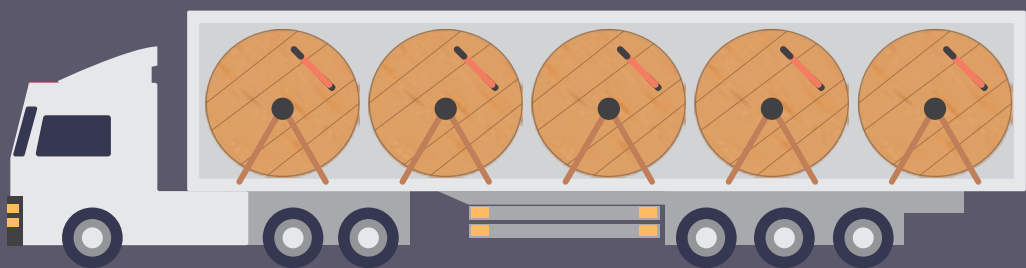
## Sales & Customer Service

International team of sales and customer service representatives provide personal, responsive service in over 20 languages.



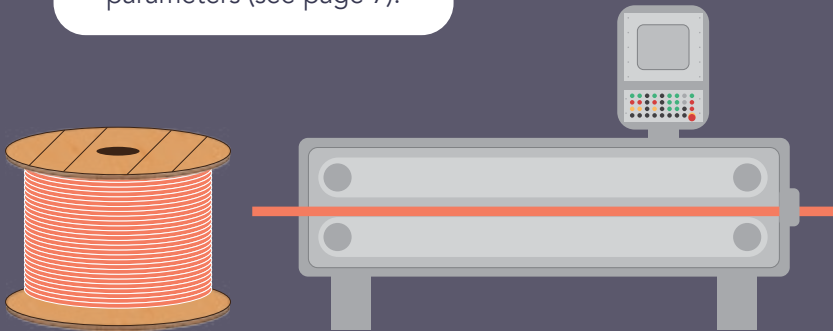
## Shipping

>95% on-time shipment (OTS) rate and all Incoterms accommodated.



## Quality Control

Laboratory batch testing can be performed against an exhaustive set of parameters (see page 7).







“  
We have a long-standing cooperative relationship with Dura-Line, built on over 10 years of high product quality, on-time delivery, professional customer service, and excellent technical support.”  
FCA  
FCA is an integrator and manufacturer of fibre optic solutions for the construction of teletransmission networks, based in Poland.

## Our Quality Credentials

### At the Organisational Level

 **ISO certification** recognises that an organisation's processes, products, or services meet standards set by the International Organization for Standardization, demonstrating a commitment to quality, efficiency, and continuous improvement at the facility level.

All our European sites are ISO certified under the following standards:

- ▶ **9001:** Quality management systems
- ▶ **14001:** Environmental management systems
- ▶ **45001:** Occupational health and safety management systems

### At the Product Level

**SKZ** Dura-Line's European factories are audited twice per year by **SKZ**, a body which validates a plastics manufacturer's adherence to international standards in quality, safety, management systems, and environmental practices at the product level.

### At the Performance Level

We work with leading external institutes to verify the quality and performance of individual products against stringent industry standards.

## Testing Capabilities

### Every Product, Every Time

We perform two key performance tests on all finished MicroDucts before they are shipped or turned into bundles:

- ▶ **Blown ball (BB) test:** a ball is jetted through the MicroDuct to verify dimensions and a clear pathway.
- ▶ **Pressure resistance check:** MicroDuct is pressurized to rule out any impurities that could cause air to escape during jetting

Then, before FuturePath bundles leave the plant, we also confirm the thickness and appearance of the sheath.



Quality lab at Sochaczew, Poland.

### Additional Available Testing

We are able to test for each of the performance properties stated on our standard technical data sheets at intervals determined by the customer, or according to local regulations:

- ✓ Burst pressure
- ✓ Coefficient of friction
- ✓ Crush
- ✓ Impact
- ✓ Longitudinal reversion
- ✓ Long-term hydrostatic pressure
- ✓ Low temperature performance
- ✓ Marking resistance
- ✓ Tensile strength



### Product Performance: MicroDucts LSHF

MicroDucts LSHF (low smoke halogen free) are specifically designed for in-building applications. These products have undergone meticulous examination by external bodies for fire performance, smoke production, and halogen content:

- ▶ **EN 13501-1:** Best-in-class 'B, s1, d0' rating, when mounted on gypsum plaster board, verified by CSI and others.
- ▶ **EN 50642:** Certified as "halogen free".
- ▶ **EN 61386/22:** Resistance to flame propagation, halogen content, and mechanical properties.

Production of our low-smoke halogen free products is monitored by VDE, according to DIN EN IEC 61386 VDE 0605-22:2021-12, with classification printed on products.



“  
After five years working together, Dura-Line is a partner we can confidently rely on. We appreciate their excellent value and team of very well-trained, friendly, and efficient employees, and we are looking forward to continuing this collaboration for many more years to come.”  
GPG GLASFASER PROJEKT GMBH  
Based in Germany, Glasfaser Projekt GmbH provides turn-key fibre optic solutions for carriers, utilities, and municipalities.





# Our Quality in Action

## CASE STUDY 1

### *Working Lean to Deliver Quality in Everything we Do*

“Pathways to Excellence” is an Operational Excellence program designed to engage every person in Dura-Line in problem-solving, teamwork, and ongoing improvement. Our focus is on meeting our customers’ needs, empowering our employees, and continually improving our activities in the workplace.



## CASE STUDY 2

### *Demonstrating Exemplary Commitment to Safety in Manufacturing*

We care deeply about safety at every level of our operations. For their team’s commitment to a culture of safe manufacturing, continuous risk assessment, and embrace of safety technologies, our Sochachew, Poland plant was honoured out of 136 facilities in 50+ countries with the very first Orbia Safety Excellence Award from our parent company.



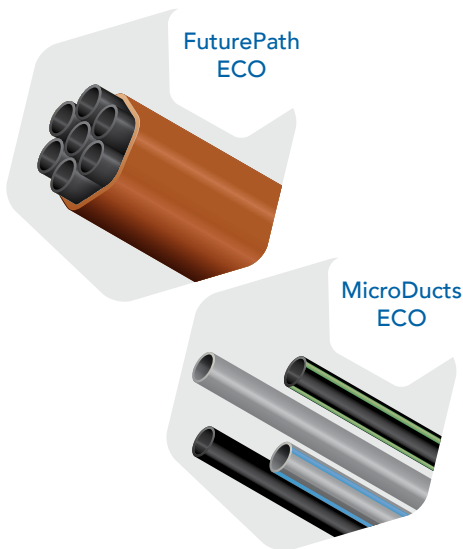
## CASE STUDY 3

### *Partnering With Customers to Drive Sustainability Without Compromising on Quality*

Our product innovations spur positive change and influence industry best practices without sacrificing quality performance. With customer collaboration, we developed MicroDucts and FuturePath® ECO: bundled MicroDucts which use internally reworked HDPE. We verified the emissions of both our standard and “ECO” products through Life Cycle Assessments (LCAs), which revealed a significant reduction in Scope 3 greenhouse gas emissions for the ECO range.



*read the full story*



Orbia’s Connectivity Solutions business, Dura-Line, produces more than 500 million metres of essential and innovative infrastructure per year to bring a world’s worth of information everywhere. The business group produces telecommunications conduit, cable-in-conduit and other HDPE products and solutions that create physical pathways for fiber and other network technologies connecting cities, homes, and people.

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