Chainflex lasts

www.igus.co.uk

Control cables – starting at 4 x d
- Interchangeable with all well-known servo motor brands
- Extensive program range with UL/CSA approval
- DESINA certification
- Temperature: -50°C to +100°C
- Outer jacket material combinations possible

Data cables – over 70 types
- Interchangeable with all well-known bus systems
- Extensive program range with UL/CSA approval
- DESINA certification
- Many halogen-free types
- Temperature: -35°C to +100°C
- Shielding offers high EMV-protection with 90% opt. coverage

Bus cables – starting at 10 x d
- Interchangeable with almost all well-known bus systems
- Extensive program range with UL/CSA approval
- DESINA certification
- Many halogen-free types
- Temperature: -35°C to +100°C
- Shielding offers high EMV-protection with 90% opt. coverage

Data / Encoder cables – 3 Versions
- Interchangeable with all well-known bus systems
- Various halogen-free types
- Extensive program range with UL/CSA approval
- DESINA certification
- Temperature: -50°C to +100°C

Fibre optic cables (LWL) – up to 18 fibres
- 2 to 18 fibres possible
- For travel lengths of 500m and more
- High quality fibre optic cables to all well-known industry standards

Coax cables – 75 Ω
- Image processing / video cables for highly dynamic applications
- Temperature range testing: -50°C to +100°C
- One and five cores
- 75 Ω wave impedance

Servo cables – starting at 7,5 x d
- Interchangeable with all well-known sensor motor brands
- Extensive program range with UL/CSA approval
- DESINA certification
- Many halogen-free types
- Temperature: -50°C to +100°C

Motor cables – up to 185 mm²
- Interchangeable with all well-known sensor motor brands
- With UL/CSA approval
- DESINA certification
- Cross sections from 1,0 to 185 mm²
- Shielded and unshielded

Drive Technology – starting at 7,5 x d
- Completely harnessed drive and data encoder cable systems interchangeable with almost all well-known brands
- Temperature possible
- Outer jacket material combinations possible

Order 8 - 8 Ex-stock +++ No minimum order quantity +++ Order 8 - 8 Ex-stock +++

Interactive catalogue, 3D data
- All information on one page
- Easy configuration of internal layout (cables, separators etc)
- Automated generation of mounting brackets and guide tracks
- Automated calculation of cable length and躺置length calculations
- Lifetime calculation for cables
- Cross sections from 1,0 to 185 mm²
- Temperature: -35°C to +100°C
- Shielded and unshielded

Lifetime calculation for cables
- Selection by specifying number of conductors, cross section, bending radii, shielded, unshielded, required certifications and cable jacket material
- Enter your application data (length, speed, bending radius)
- Online calculation giving the expected lifetime

Connector-cable-configurator
- Fast selection – fast delivery: Choose cable and connector – delivery in days
- Connector selection: Heavy rectangular plug connector, round signal plug connector, round power plug connector, sub-D plug, free cable ends
- Cable selection: igus® Chainflex® cable selection
- Pin-point information at the click of a button

Catalogue
- The bible of igus® EnergyChains
- 911 pages
- In all formats: PDF, CAD data, design hints and application examples

xigus 7.0
- Free product catalogue CD in many languages
- Not installation needed
- Fast & easy format
- 50 pages
- 3D and 2D data formats

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www.igus.co.uk  plastics for longer life

E-Chain+Cable

Interactive catalogue, 3D data

Order 8 - 8 Ex-stock +++ No minimum order quantity +++ Order 8 - 8 Ex-stock +++
**Easy Chain®**

- **System E1**
  - Open on both sides
  - Maximum stability
  - Open on both sides + Maximum stability
  - Open on both sides + Maximum stability + Open on both sides + Maximum stability
  - Very quiet and smooth running

- **System E2**
  - 2-piece E-Chains® for medium applications
  - Very robust and quiet
  - Small pitch for low noise, smooth operation
  - External solution for high volumes
  - E-Chain® puzzle piece for simple applications
  - Easy shortening and lengthening through optimized side link design

**Triflex® R**

- Open in the inner radius
- System “C” closed key with debris exclusion
- Standard “E” easy for simple filling
- Modular design – variable widths
- High torsional stability and low bending radii

**Micro Flizz®**

- Combined conical and spiral motions
- Operational speed of 360° (520° with special accessories)
- Modular design – variable widths
- Suitable for a variety of demanding tasks and movement devices

**E2 micro**

- Open on both sides + Maximum stability
- Snaps open lids along inner or outer radius
- Combination of different bending radii
- Very quiet and smooth running

**E2 mini**

- Open on both sides + Maximum stability
- Small pitch for low noise, smooth operation
- Very quiet and smooth running

**E2 TUBES R**

- Open on both sides + Maximum stability
- Snaps open lids along inner or outer radius
- Combination of different bending radii
- Very quiet and smooth running

**E2 TUBES R100**

- Open in the inner radius
- Snap-open lids along inner or outer radius
- Combination of different bending radii
- Very quiet and smooth running

**E4/00**

- Open from both sides + Maximum stability
- Snaps open lids along inner or outer radius
- Combination of different bending radii
- Very quiet and smooth running

**E4/4**

- Open from both sides + Maximum stability
- Snaps open lids along inner or outer radius
- Combination of different bending radii
- Very quiet and smooth running

**E4 light**

- Open on both sides
- E-Chain® puzzle piece for simple applications
- Easy shortening and lengthening

**System E6**

- Open on both sides + Maximum stability
- Snaps open lids along inner or outer radius
- Combination of different bending radii
- Very quiet and smooth running

**System R6**

- Open on the inner radius and outer radius
- Enclosed design of the E-System for interaction against debris and other environmental influences
- Very quiet and smooth running

**ReadyChain®**

- Reduction of your warehouse costs to zero
- 50% reduction in turnaround times
- Enables response to fluctuations in customer demand
- Secure supply of power, data and air
- A compact, cost saving total system for a variety of applications

**Trilogix®**

- Simple installation
- Cost effective
- One piece design

**Chainfix**

- Easy assembly
- 2 or 3 piece possible
- Many variants
- Cost efficient

**Trough systems**

- Trough systems + Trough systems + Trough systems + Trough systems + Trough systems

**Rol-E-Chains®**


**Rol-E-Chain®**

- Advantage
  - Travel speeds of up to 10m/s possible
  - Different Roll-E types, depending on the environment
  - Trough solution for threat of dirt
  - Snap-in trough SP + AP

**Micro Flizz®**

- Very quiet and smooth running
- Fast and easy assembly through pre-attached cables and accessories
- Very easy assembly through pre-attached cables and accessories

- Simple installation
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