

- > O/D 6 ... 14 mm
- Design for applications within welding environment
- > Halogen free, self erasing and flame retardant special tubing out of PU conforming UL94 V2 to V0
- Suitable for drag chain applications

Technical features

Medium:

Compressed air, water

Operating pressure:

See table below

Suitable for the use with Norgren Pneufit 10 series PUSH-IN fittings

- Small bending radius, high flexibility
- Extended range of applications due to high chemical durability
- Free of paint sticking hindering material (like VMQ)

Standard lenght:

50 m

Colours available:

Black or blue



Ambient/Media temperature:

-20 ... 80°C (-4 ... 176°F) maximum PU

Material:

Technical data

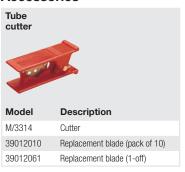
| Outer Ø | Wall thickness | Inner Ø | Operating pressure at 23°C maximum * | Burst pressure at 23°C | Min. bend radius | Model Tube colour | |
|---------------|----------------|---------|---|---------------------------|------------------|----------------------|----------------|
| (mm) | (mm) | (mm) | (bar) | (bar) | (mm) | black | blue |
| $6 \pm 0,15$ | $1,5 \pm 0,15$ | 3 | 25 | 75 | 7 | NORWELD0706050 | NORWELD0506050 |
| $8 \pm 0,15$ | $2 \pm 0,15$ | 4 | 25 | 75 | 10 | NORWELD0708050 | NORWELD0508050 |
| $10 \pm 0,15$ | $2 \pm 0,15$ | 6 | 15 | 50 | 15 | NORWELD0710050 | NORWELD0510050 |
| $12 \pm 0,15$ | $2 \pm 0,15$ | 8 | 12 | 40 | 20 | NORWELD0712050 | NORWELD0512050 |
| $14 \pm 0,15$ | $2 \pm 0,15$ | 10 | 12 | 40 | 30 | NORWELD0714050 | NORWELD0514050 |

^{*} Multily by factors in table below for use at higher temperatures.

Operating pressure/ temperature conversion factors

| Working temperature | Factor |
|---------------------|--------|
| +30°C | 0,75 |
| +40°C | 0,67 |
| +50°C | 0,58 |
| +60°C | 0,54 |
| +70°C | 0,52 |
| +80°C | 0,50 |

Accessories



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

