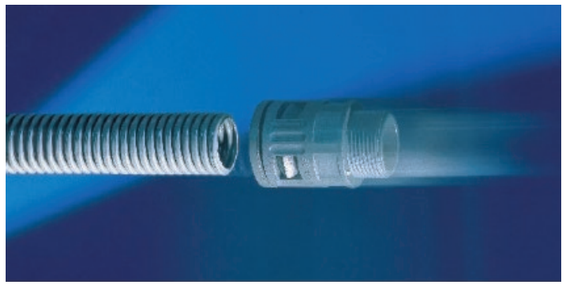
KEY FEATURES OF THE FLEXAQUICK SYSTEM

- Exclusive quick connect fitting – **NO TOOLS REQUIRED**
- Huge labour savings
- NPT, PG, Metric, UNEF and CTG threads
- IP 67, NEMA 6p sealing
- Wide operating temperature range, from -50°C to +115°C (-58°F to +240°F)
- Conduit is flexible to 1 million bend cycles
- UV Stabilized
- Flame resistant and self-extinguishing polyamide
- Wide range of fittings – straights, elbows, T's, Y's, through panel, etc.
- Backshells for Military style circular connectors
- The inner diameter of the fitting is the same as that of the conduit
- Stackable and connectable conduit mounting clips
- Extremely flexible, better bend radius than liquid-tight conduits
- Resistant to most cutting fluids, lubricants, and hydraulic fluids
- Available in standard Black or Gray colours
- Light weight
- Special Transit Vehicle Solutions, Exceeds Bombardier SMP 801c, ASTME 162 & 662 specifications
- UL, CSA, CE approvals 029576-0-000



NO TOOLS REQUIRED!

Put away your hacksaw and wrench! **Flexaquick's** streamlined fittings automatically lock onto the corrugated nylon conduit without the need for sealing ferrules and clasping nuts associated with standard type conduit compression fittings! To remove the fitting from the conduit, simply grasp the fitting in your hand and squeeze on the release ring, pull and that's it! To reinstall, simply push the fitting onto the conduit and the fitting locks onto the corrugations of the conduit.

ELECTRO-PRODUCTS CORP.

CONTACT US AND REQUEST A QUOTE

1-800-350-7937 • sales@ibisep.com
OR VISIT US AT 15 Saltsman Dr., Cambridge, ON N3H4R7

ELECTRO-PRODUCTS CORP.

QUICK CONNECT FITTING & CONDUIT SYSTEMS

SAVING YOU TIME & MONEY

IBIS
ELECTRO-PRODUCTS CORP.


NO TOOLS REQUIRED!
INSTALL OR REMOVE FITTINGS IN SECONDS.

TUBING/CONDUIT




Conduit OD (mm)	ROHRflex - PA 6-L	ROHRflex - PA 6-D	ROHRflex - PA 12	ROHRflex - PA 6
10.0	0261.202.006	0237.202.006	0236.202.006	0233.202.006
13.0	0261.202.010	0237.202.010	0236.202.010	0233.202.010
15.8	0261.202.012	0237.202.012	0236.202.012	0233.202.012
21.2	0261.202.016	0237.202.016	0236.202.016	0233.202.016
28.5	0261.232.023	0237.232.023	0236.232.023	0233.232.023
34.5	0261.232.029	0237.232.029	0236.232.029	0233.232.029
42.5	0261.232.036	0237.232.036	0236.232.036	0233.232.036
54.5	0261.232.048	0237.232.048	0236.232.048	0233.232.048
	LIGHT WALL, GENERAL PURPOSE	MEDIUM WALL, GENERAL PURPOSE	SPECIAL FOR ROBOTICS	RAILWAY, BUS, GENERAL PURPOSE

NPT THREADED FITTINGS





Thread Size (NPT)	Conduit OD (mm)	RQG-N	RQW-N	RQG2-N	RQB45-N
1/4”	10.0	5020.056.201	5020.057.201	–	–
1/4”	13.0	5020.056.202	5020.057.202	–	–
3/8”	13.0	5020.056.203	–	–	–
3/8”	15.8	5020.056.204	5020.057.204	–	–
1/2”	15.8	5020.056.205	5020.057.205	–	5020.017.205
1/2”	21.2	5020.056.206	5020.057.206	5020.080.208	5020.017.206
3/4”	28.5	5020.038.221	5020.039.221	5020.080.214	5020.017.214
1”	34.5	5020.038.227	5020.039.228	5020.080.218	5020.017.216
1 1/4”	42.5	5020.056.207	5020.057.207	5020.080.217	5020.017.217
1 1/2”	42.5	5020.056.208	5020.057.208	–	5020.017.208
1 1/2”	54.5	5020.056.209	5020.057.209	5020.080.209	5020.017.209
2”	54.5	5020.056.210	5020.057.210	–	5020.017.210

SPECIAL FITTINGS



Conduit Size OD (mm)	RQY	RQT
3 x 10.0	5020.033.205	5020.067.203
2 x 10.0 / 1 x 13.0	5020.033.201	–
3 x 13.0	5020.033.202	5020.067.207
2 x 13.0 / 1 x 15.8	5020.033.203	–
3 x 15.8	5020.033.204	5020.067.208
2 x 15.8 / 1 x 21.2	5020.033.206	–
2 x 15.8 / 1 x 28.5	5020.033.213	–
3 x 21.2	5020.033.207	5020.067.201
2 x 21.2 / 1 x 28.5	5020.033.208	5020.067.209
3 x 28.5	-	5020.067.202
2 x 28.5 / 1 x 15.8	-	5020.067.213
2 x 28.5 / 1 x 34.5	5020.033.209	5020.067.210
3 x 34.5	-	5020.067.211
2 x 34.5 / 1 x 42.5	5020.033.210	–
3 x 42.5	-	5020.067.212
2 x 42.5 / 1 x 54.5	5020.033.211	–


Conduit Size OD (mm)	Knock Out (mm)	Clearance (NPT)	RQG1-S
10.0	12.1	1/4”	5020.082.207
13.0	14.9	5/16”	5020.082.209
15.8	18.1	3/8”	5020.082.211
21.2	22.0	1/2”	5020.082.216
28.5	28.1	3/4”	5020.082.221
34.5	36.5	1”	5020.082.229
42.5	47.0	1-1/4”	5020.082.236

ACCESSORIES



RQS RQH RQHD



RQG2-M RQG2-U RQE



RQK FR REK



GM GMK BW



BWK SKM REM



EKW-A EWM Shears

MULTI - Large Diameter

ROHRflex - Multi
70 or 95 mm dia.


Multi-WFP Multi-GFP

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How to Select the Right Conduit System

Practical selection guidance for industrial automation applications

Common Challenges

Why this matters: Conduit must handle real-world stress, not just specs

• Continuous movement and flexing

• Mechanical stress, vibration, and abrasion

• Exposure to oils, coolants, UV, and temperature

• Tight spaces and complex routing

Key Selection Factors

Focus on: Matching conduit performance to actual application conditions

• Material selection based on environment

• Flexibility and bend radius

• Environmental ratings (IP, temperature, chemicals)

• Fittings and connection reliability

• Installation and maintenance considerations

Fittings & Connection Systems

Why it matters: Fittings impact install speed and long-term reliability

• Quick-connect fittings reduce install time

• Tool-free installation and removal

• Improves assembly consistency

• Available in multiple thread standards

Performance & Application Guidance

Performance Considerations

Look for: Long-term durability under real operating conditions

• Low-temperature flexibility

• Abrasion-resistant conduit walls

• Visual wear indicators

• Fire protection ratings where required

Typical Applications

Where this applies: Core industrial automation environments

• Robotics and motion systems

• Packaging and material handling

• CNC and machining centers

• Control panels and enclosures

Applying the Right Solution

Bottom line: There is no one-size-fits-all conduit

• Balance flexibility, protection, and durability

• Consider environment and motion early

• Avoid costly redesigns later

Quick Selection Checklist

Factor	What to Check
Movement	Static vs dynamic
Environment	Coolant, debris, UV
Routing	Space constraints
Maintenance	Ease of access and replacement

Bottom line: The right conduit selection directly impacts reliability, uptime, and service life.

Where Flexible Conduit Actually Matters

Real-world applications in automation and machinery

Automation & Robotics

Why it matters: Prevents cable failure in high-cycle motion systems

- Protects cables on robotic arms and joints
- Handles continuous flexing and movement
- Supports end-of-arm tooling and automation cells

Packaging & Material Handling

Why it matters: Maintains reliability in high-speed, continuous operations

- Protects wiring in conveyors and pick-and-place systems
- Reduces wear from vibration and debris
- Supports dynamic routing in tight layouts

CNC & Machining Centers

Why it matters: Shields cables from harsh machining environments

- Protects against coolant and metal chips
- Reduces vibration-related wear
- Ensures safe routing near cutting zones

Control Panels & Enclosures

Why it matters: Ensures clean, reliable cable entry and routing

- Provides strain relief at entry points
- Organizes wiring inside panels
- Improves reliability at transitions

Additional Applications & Selection Guidance

Wire Harnessing & OEM Systems

Why it matters: Improves installation speed and consistency

• Supports modular routing with T and Y fittings

• Simplifies machine builds

• Reduces installation variability

Maintenance, Retrofit & MRO

Why it matters: Allows upgrades without major disassembly

• Enables quick cable replacement

• Supports system modifications

• Minimizes downtime

Mobile & Transportation Equipment

Why it matters: Protects cables in dynamic, high-vibration environments

• Used in rail, buses, and specialty vehicles

• Handles motion and environmental exposure

• Maintains long-term reliability

Choosing the Right Conduit Depends On:

Factor	Consideration
Movement	Static vs dynamic applications
Environment	Coolant, debris, UV exposure
Space	Routing constraints and flexibility
Installation	Ease of assembly and maintenance

Bottom line: The right conduit selection directly impacts uptime, reliability, and maintenance costs.