



**Flexible Conduits & Fittings**

**T&B Catalog Number:**

PIHG-70B.30

**UPC Number:**

78620996781

**Status:**

Active

**Description:**

Highly flexible, heavy wall black conduit. (PIH) Material - polyamide 12, conduit size NW - 70.

**Application**

Machine

Robotic

For dynamic applications in robotics and automation

**Characteristics**

Excellent resistance to ultra violet (UV) rays and atmospheric corrosion

Excellent flexibility

Good mechanical strength at low temperatures and dry conditions

Self-extinguishing

**General**

Material Polyamide 12

Material-Conduit Core Non-Metallic

Color Black

System PMAFLEX

Compatible With PMAFIX Pro, PMAFIX, PMA Smart Line, PMAGRIP

**Dimension Information**

Size (inches) 2 1/2

Conduit Size NW (mm) 70

Conduit Size Metric (mm) 80

Outside Diameter (inches) 3.15

Inside Diameter (mm) 67.2

Outside Diameter (mm) 79.6

Static Radius (mm) 150

Dynamic Radius (mm) 350

**Technical Information**

Temperature Range-Continuous (Celsius) -50 to +95

Temperature-Short-Term (Celsius) 150

Fatigue Life Very High

Technical Data Sheet Available on Website

Chemical Resistance Chart Available on Website

**Packaging**

T&B Order Multiple 1

T&B Inner Pack 1

Package in Units 1

T&B Sold in UOM Each

T&B Weight Per UOM 0.31 lbs. Each

**Certifications**

RoHS Compliance Yes

**For further technical assistance, please contact us...**

Thomas & Betts - USA  
8155 T&B Blvd.  
Memphis, TN 38125  
[www.tnb.com](http://www.tnb.com)

T&B Technical Support  
MS 3B-50  
8155 T&B Blvd.  
Memphis, TN 38125

Hours: 7AM - 6PM CDT  
Monday-Friday  
Phone: (888) 862-3289  
Fax: (901) 252-1321  
Email: [techsupport@tnb.com](mailto:techsupport@tnb.com)