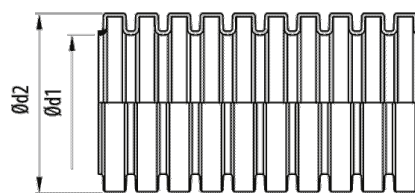


## RB-PU Flexible Conduit (Ref: 10048029)

1/2



### Description

Flexible corrugated conduit made of polyurethane in black RAL 9005, halogen-free and with an IP67 protection rating. The RB-PU flexible conduit of the Pemsaflex® range is recommended in industrial and robotics applications where a high degree of flexibility, long working cycles and high mechanical performance are required.

### Advantages

UL and CSA certification. BD approval. CE conformance with the 2014/35 directive and the IEC 61386 standard. Halogen-free according to EN 50267-2-1 standard. In accordance with standard EN 60204-1 (machine safety).

Excellent performance and flexibility in long work cycles.

Made of self-extinguishing polyurethane, halogen-free and flame-retardant.

Protection index EN 60529: IP67 with the suitable fittings.

Working temperature: -5°C to + 90°C.

### Applications

Its use is recommended in industrial applications, robotics and electrical installations of machine tools, equipment and vehicles. Excellent flexibility and behaviour in outdoor applications.

### Solutions



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Product data			
Colour	Black RAL 9005	Cod. IEC.61386	1532
DN	NW29	Compression strength (N)	125 N
Ø d1 (mm)	27.7	Impact Strength (J)	20 J
Ø d2 (mm)	34.1	IP	IP67
R stat. (mm)	50	Working temperature range (°C)	-15 / 90 °C
kg/u	0.172	Fire resistance	LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA
u	50	UV Behaviour	Resistant
Material	Polyurethane		

Protection System
CU - Copper electroplated
PG - Pregalvanised
EZ - Electrogalvanised
BC - Electrogalvanised Bichromate
BK8 - High Resistance Coating
GC - Hot Dip Galvanising
INOX - Stainless Steel
PT - Polyester Paint
AL - Aluminum
LN - Brass or Nickel-plated brass
Insulating materials

PC+ABS - Halogen Free Polycarbonate + ABS
PVC - Polyvinyl Chloride
PP - Halogen Free Polypropylene
PA6 - Halogen Free Polyamide 6
PA12 - Halogen Free Polyamide 12
PU - Polyurethane
PE - Polyethylene
NBR - NBR rubber
PET - Thermoplastic Polyester
TPV - Thermoplastic