



Miniflex PU

Article Master No.: 000436

PU protective hose and suction hose with plastic-coated wire spiral, microbe-resistant, highly flexible.

flexible | heavy | moderately pressure resistant

Product Details

Construction / Material

- Type of construction: Miniflex hose
- Spiral Design: plastic coated, made of steel wire
- Material of the spiral: spring steel
- Execution of the wall: made of pure material, wall thickness 0.3 - 1.2 mm, depending on DN
- Material of the wall: polyether polyurethane

Properties

- Specifications of the product: protection class IP68, acc. to EN 60 529
- Chemical Properties: good resistance to petrol, good resistance to chemicals, good resistance to oil, good UV resistance, good ozone resistance, hydrolysis resistant, microbe-resistant
- Flexibility: flexible
- Weight: heavy
- Pressure Resistance: moderately pressure resistant
- Colour: blue, RAL5015

Operating Temperature

- Temperature Range: -40to 90°C

- short-term maximum temperature: peaks to 125 °C

Delivery Information

- Delivery, type of production: various nominal diameters in standard lengths are available ex-production, individual nominal diameters and lengths also ex-stock

Application Areas

- Areas of application: Plant & Mechanical Engineering, Robotics & Automation, Industry, Ventilation & Air-conditioning, Waste Disposal & Cleaning Technology, Conveying, lifting & feeding technology, Cable manufacturers, Textile, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other colours, other lengths, other nominal widths, other spiral distance, with stainless steel spiral, with earth wire, with customer-specific imprint

Article Variants

Extended Article Number	Nominal Size (DN) in mm	Outer diameter in mm	Bending radius* in mm	Weight in kg/m	Operating pressure in bar	Negative pressure in bar	Max. Production length in m	Stock Lengths in m	Length (standard lengths available for order) in m
000436:7:x	7	10	10	0.06	0.23	0.76	50.00	/	10 / 15 / 25 / 50
000436:10:x	10	14	14	0.11	0.22	0.75	50.00	/	10 / 15 / 25 / 50
000436:13:x	13	17	17	0.13	0.21	0.74	50.00	/	10 / 15 / 25 / 50
000436:15:x	15	19	19	0.14	0.20	0.74	50.00	/	10 / 15 / 25 / 50
000436:16:x	16	21	21	0.19	0.20	0.74	50.00	/	10 / 15 / 25 / 50
000436:22:x	22	27	27	0.24	0.18	0.72	50.00	/	10 / 15 / 25 / 50
000436:26:x	26	30	30	0.31	0.17	0.71	50.00	/	10 / 15 / 25 / 50
000436:30:x	30	36	36	0.36	0.15	0.69	25.00	/	10 / 15 / 25
000436:32:x	32	38	38	0.44	0.13	0.69	25.00	/	10 / 15 / 25
000436:38:x	38	45	45	0.49	0.11	0.66	25.00	/	10 / 15 / 25
000436:40:x	40	47	47	0.61	0.10	0.66	25.00	/	10 / 15 / 25
000436:44:x	44	52	52	0.76	0.09	0.59	25.00	/	10 / 15 / 25
000436:45:x	45	53	53	0.76	0.09	0.59	25.00	/	10 / 15 / 25
000436:48:x	48	56	56	0.81	0.08	0.53	25.00	/	10 / 15 / 25
000436:51:x	51	58	58	0.83	0.08	0.52	25.00	/	10 / 15 / 25

All data refer to a medium and ambient temperature of +20° C.
Specification of the bending radius related to the inside of the hose bend
Subject to technical changes and colour deviations

Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

Suitable for the product



Hose Clamp with Worm-Gear
Standard clamp for fastening light hose types to connecting pieces on mobile and stationary installations



Hose Clamp with Worm-Gear, Steel quality W4, stainless steel 1.4301
Standard clamp for fastening light hose types to connecting pieces on mobile and stationary installations



Heat Shrink Cuff
Heat shrink sleeve for easy connection and sealing of hoses



Individual consultation

We offer consultation by phone: **+49 209 97077 0**

Product requests via: **https://www.masterflex-slang.nl/**

Headquarters for your sales area

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