

## 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: -40 - 90

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

### Delivery Information

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

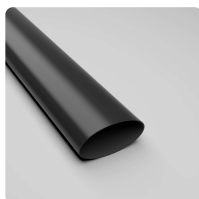
## Possible Connection Elements



**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 97077-112

Product requests via  
[masterflex.de/en](https://masterflex.de/en)

### Address Headquarters

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