

MASTER-PUR STEP

Ref 000396

PU Film Hose, crush-resistant, hardly inflammable acc. to DIN 4102 B1



Flame-retardant

Very flexible

Light

Moderately pressure resistant

-40 to +90 °C

CONSTRUCTION & MATERIALS

- Construction: film hose with attached support coil
- Helix material: polyurethane
- Wall: made of pure material / made of specified material / addition of flame retardant additives / wall thickness between the spirals approx. 0.5 mm
- Wall material: polyester polyurethane
- Specifications of the wall: material is more abrasion resistant than comparable polyurethane according to DIN ISO 4649 / flame retardant according to DIN 4102 B1
- Design of the profile coil: made of plastic
- Design of the stranded wire: made of metal

PROPERTIES

- Specifications of the product: complies with the requirements of the Holz-BG, BGI 739-2
- Chemical resistance: good resistance to chemicals / good UV resistance / good resistance to oil / good resistance to petrol
- Flexibility: very flexible
- Weight: light
- Pressure: moderately pressure resistant
- Colour: tubing wall transparent with blue spiral
- Other: good recovery properties

TEMPERATURE

- Operating range: -40 to 90 °C
- Short-term peak: peaks to 125 °C

APPLICATIONS & INDUSTRIES

- Applications: Plant & Mechanical Engineering / Industry / aviation technology / Ventilation & Air-conditioning / Sea & Rail transport / Wood / Plastics / Conveying, lifting & feeding technology / Textile / Metal & Toolmaking

STANDARDS & COMPLIANCE

- DIN 4102 B1, Holz-BG BGI 739-2, DIN ISO 4649

VARIANT SPECIFICATIONS

10 sizes · DN 38 to 160 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000396:38:x	38	64	48	0.37	0.80	0.21
000396:51:x	51	68	50	0.39	0.78	0.20
000396:60:x	60	80	65	0.45	0.76	0.19
000396:76:x	76	95	75	0.61	0.61	0.13
000396:80:x	80	100	80	0.65	0.53	0.13
000396:102:x	102	120	100	0.80	0.46	0.09
000396:120:x	120	140	120	0.95	0.38	0.09
000396:140:x	140	160	140	1.15	0.30	0.06
000396:152:x	152	170	150	1.20	0.30	0.06
000396:160:x	160	180	160	1.30	0.30	0.06

Lengths. Supplied in standard stock lengths – see flex-appeal.co.uk for available sizes.