

Master-Clip SPARK XL

Article Master No.: 000329

Special hose for welding fume extraction with increased risk of flying sparks



hydrolysis
resistant



microbe
resistant



flame
retardant



compressi-
ble



very
flexible



heavy



moderatel-
y pressure
resistant

Product Details

Construction / Material

- Type of construction: spiral hose with clamping profile
- Design of the helix: metal band, formed as a clamping profile
- Material of the helix: steel strip, hot-dip galvanised
- Design of the external spiral: designed as an additional protective profile
- Execution of the wall: made of specified material, coated, coating with heat stabilisers
- Material of the wall: high temperature fabric
- Specifications of the wall: flame retardant

Properties

- Chemical Properties: good UV resistance, good ozone resistance
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Physical Properties: largely resistant to increased flying sparks
- Weight: heavy
- Pressure Resistance: moderately pressure resistant
- Colour: black

Operating Temperature

- Temperature Range: -20 - 200
- short-term maximum temperature: peaks to 280 °C

Delivery Information

- Delivery, type of production: order-related production

Application Areas

- Areas of application: Automotive, Robotics & Automation, Industry, Ventilation & Air-conditioning, Textile, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with stainless steel spiral

Article Variants

Extended Article Number	Article number	Nominal Size (DN) mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m
000329:50:x	000329	50	30	0.97	0.90	0.31	15.00
000329:55:x	000329	55	33	1.04	0.85	0.26	15.00
000329:60:x	000329	60	36	1.10	0.78	0.22	15.00
000329:65:x	000329	65	39	1.17	0.68	0.19	15.00
000329:70:x	000329	70	42	1.25	0.67	0.16	15.00
000329:75:x	000329	75	45	1.30	0.62	0.14	15.00
000329:80:x	000329	80	48	1.36	0.61	0.12	15.00
000329:90:x	000329	90	54	1.55	0.56	0.10	15.00
000329:100:x	000329	100	60	1.74	0.51	0.08	15.00
000329:110:x	000329	110	66	1.97	0.48	0.07	15.00
000329:120:x	000329	120	72	2.16	0.36	0.06	15.00
000329:125:x	000329	125	75	2.29	0.33	0.05	15.00
000329:130:x	000329	130	78	2.35	0.28	0.05	15.00
000329:140:x	000329	140	84	2.43	0.25	0.04	15.00
000329:150:x	000329	150	90	2.56	0.22	0.04	15.00
000329:160:x	000329	160	96	1.98	0.21	0.03	15.00
000329:170:x	000329	170	107	2.10	0.19	0.03	15.00
000329:175:x	000329	175	105	2.25	0.19	0.03	15.00
000329:180:x	000329	180	108	2.35	0.17	0.02	15.00
000329:200:x	000329	200	120	2.56	0.15	0.02	15.00
000329:215:x	000329	215	151	2.69	0.13	0.02	15.00
000329:225:x	000329	225	158	2.80	0.12	0.02	15.00
000329:250:x	000329	250	175	3.10	0.10	0.01	15.00
000329:275:x	000329	275	193	3.34	0.08	0.01	15.00
000329:300:x	000329	300	232	3.60	0.07	0.01	15.00
000329:315:x	000329	315	221	3.82	0.06	0.01	15.00
000329:325:x	000329	325	228	3.92	0.06	0.01	15.00
000329:350:x	000329	350	245	4.15	0.06	0.01	15.00
000329:375:x	000329	375	263	4.45	0.05	0.01	15.00
000329:400:x	000329	400	280	4.64	0.05	0.01	15.00

Extended Article Number	Article number	Nominal Size (DN) mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m
000329:450:x	000329	450	360	5.11	0.05	0.01	15.00
000329:500:x	000329	500	400	5.59	0.04	0.01	15.00
000329:550:x	000329	550	440	6.16	0.04	0.01	15.00
000329:600:x	000329	600	480	6.63	0.04	0.01	15.00
000329:700:x	000329	700	560	7.68	0.03	0.01	15.00
000329:800:x	000329	800	640	8.72	0.02	0.01	15.00
000329:900:x	000329	900	720	9.67	0.02	0.01	15.00

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 connector

Sheet steel connector for extending, connecting and joining light to medium-weight hoses



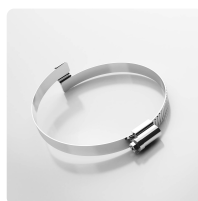
Hose Reducer, symmetrical

Hose reducer for extending, connecting and joining light to medium weight hoses



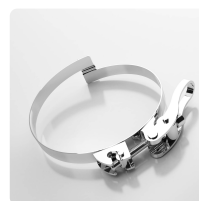
Clip-Grip Hose Clamp, screwable

Screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



Clip-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301

screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



Clip-Grip Quick-Fix Clamp

Special clamp for attaching all hose types from the Master-Clip series to mobile and stationary units.

Individual consultation

We offer consultation by phone:
+49 209 97077-112

Product requests via
masterflex.de/en

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

