

镀锌钢保护软管

结构
金属软管外部呈螺旋缠绕状，
圆截面呈多边形形状

材质
镀锌钢

特性
弹性很好
耐拉伸性强
横向抗压性强
DIN49012结构类型G，
根据DIN EN IEC
61386-23(SPR-AS)

Protective metal conduit galvanized steel

Structure
Strip-wound metal conduit
hooked profile, round cross section
polygonal profile

Material
Galvanized steel

Properties

- Highly flexible
- stretch resistant
- lateral compression resistant
- DIN 49012, structural shape G, acc. to DIN EN IEC 61386-23 (SPR-AS)

应用领域

机械/工厂加工业
汽车行业
铁路工业
船舶制造业
自动化行业
电气安装
根据EN60079-14和BN61241-14
应用于防爆领域

Application

- Machine and Plant Constructions
- Automotive
- Railway Industry
- Shipbuilding
- Automation
- Electrical Installations
- Ex-area acc. to EN 60079-14 and EN 61241-14



适配管接头 Suitable connectors		Seite / page		
	US-M	8. 2-5	IP 40	
	US-P	8. 6-8		
	US2-M	8. 9	IP 40	
	USDR-M	8. 10	IP 40	
	USZ-M	8. 11	IP 40	
	LI-M	8. 13	IP 40	
	LI-P			
	USW-M	8. 15-16	IP 40	
	USW-P	8. 17-18		

FLEXA No.	AD OD					
SPR-AS	Ø	mm	mm	kg/m	m	
1010.111.008	10	8,0 x 10,0	28	0,064	50	
1010.111.011	14	11,0 x 14,0	34	0,102	50	
1010.111.014	17	14,0 x 17,0	40	0,130	50	
1010.111.016	19	16,0 x 19,0	45	0,150	50	
1010.111.018	21	18,0 x 21,0	50	0,173	50	
1010.111.023	27	23,0 x 27,0	63	0,300	50	
1010.111.031	36	31,0 x 36,0	85	0,526	25	
1010.111.040	45	40,0 x 45,0	100	0,690	25	
1010.111.051	56	51,0 x 56,0	125	0,820	25	
SPR-AS Verkaufsverpackung 10 m 10 m sales pack						
1011.111.008	10	8,0 x 10,0	28	0,064	10	
1011.111.011	14	11,0 x 14,0	34	0,102	10	
1011.111.014	17	14,0 x 17,0	40	0,130	10	
1011.111.016	19	16,0 x 19,0	45	0,150	10	
1011.111.018	21	18,0 x 21,0	50	0,173	10	
1011.111.023	27	23,0 x 27,0	63	0,300	10	
1011.111.031	36	31,0 x 36,0	85	0,526	10	
1011.111.040	45	40,0 x 45,0	100	0,690	10	
1011.111.051	56	51,0 x 56,0	125	0,820	10	
SPR Sonderabmessungen Special dimensions						
1010.101.003		3,0 x 4,9	10	0,035	50	
1010.101.004		4,0 x 6,0	12	0,040	50	
1010.101.005		4,8 x 7,0	15	0,046	50	
1010.101.006		6,0 x 8,0	20	0,056	50	
1010.101.007		7,0 x 9,3	25	0,060	50	
1010.101.008		7,5 x 10,0	28	0,064	50	
1010.101.009		9,0 x 11,0	30	0,092	50	
1010.101.010		10,0 x 12,7	32	0,092	50	
1010.101.011		11,0 x 14,1	34	0,102	50	
1010.101.012		12,0 x 15,0	36	0,120	50	
1010.101.013		13,0 x 16,0	38	1000	0,125	50
1010.101.015		15,0 x 18,0	42	1000	0,142	50
1010.101.017		17,0 x 20,0	47	1000	0,164	50
1010.101.022		22,0 x 26,0	53	500	0,260	50
1010.101.025		25,0 x 31,0	50	500	0,340	50
1010.101.029		29,0 x 34,0	82	500	0,481	50
1010.101.038		38,0 x 43,0	95	500	0,630	25
1010.101.049		49,0 x 54,0	120	500	0,790	25



不锈钢保护软管

结构

金属软管外部呈螺旋缠绕状
圆截面呈多边形形状

材质

不锈钢

特性

弹性很好
拉伸性强
横向抗压力强

Protective metal conduit rustproof steel

Structure

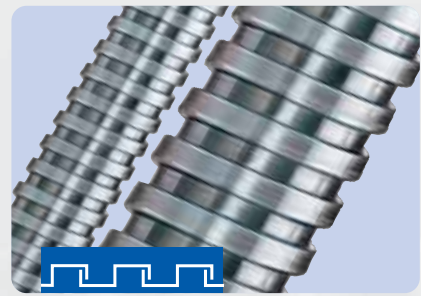
Strip-wound metal conduit
hooked profile
round cross section
polygonal profile

Material

Rustproof steel

Properties

- Highly flexible
- stretch resistant
- lateral compression resistant








Portrait

ROHRflex
Wellenschlauch

FLEXAquick
Anschluss-
technik

Metall
Schläuche





FLEXA No.	AD OD					
SPR-VA	∅	mm	mm	kg/m	m	
1010.801.003		3,0 x 5,0	15	0,041	50	
1010.801.004		4,0 x 6,0	15	0,049	50	
1010.801.005		5,0 x 7,2	15	0,052	50	
1010.801.006		5,8 x 7,0	20	0,056	50	
1010.801.007		7,0 x 9,0	20	0,060	50	
1010.801.008	10	7,8 x 10,0	22	0,077	50	
1010.801.009		9,8 x 11,3	22	0,069	50	
1010.801.010		10,0 x 12,7	25	0,110	50	
1010.801.011	14	11,0 x 14,0	25	0,119	50	
1010.801.012		12,0 x 15,0	27	0,160	50	
1010.801.014	17	14,0 x 17,0	40	300	0,130	50
1010.801.016	19	16,0 x 19,0	45	300	0,150	50
1010.801.018	21	18,0 x 21,0	50	300	0,173	50
1010.801.023	27	23,0 x 27,0	63	200	0,300	50
1010.801.031	36	31,0 x 36,0	85	150	0,526	25
1010.801.040	45	40,0 x 45,0	100	150	0,690	25
1010.801.051	56	51,0 x 56,0	125	150	0,820	25

应用领域

机械/工厂加工业
汽车行业
铁路工业
船舶制造业
自动化行业
电气安装
传感器技术
根据EN60079-14和
EN61241-14应用于防爆领域

Application

- Machine and Plant Constructions
- Automotive
- Railway Industry
- Shipbuilding
- Automation
- Electrical Installations
- Sensor technology
- Ex-area acc. to EN 60079-14 and EN 61241-14

FLEXA No.					
SPR-VA	Endlage End position	mm	mm	kg/m	m
1018.801.003		3,0 x 5,0	15	0,041	50
1018.801.004		4,0 x 6,0	15	0,049	50
1018.801.005		5,0 x 7,0	15	0,052	50
1018.801.006		6,0 x 8,0	20	0,056	50
1018.801.007		7,0 x 9,0	20	0,060	50
1018.801.008		8,0 x 10,0	22	0,077	50
1018.801.009		9,0 x 11,0	22	0,069	50
1018.801.010		10,0 x 13,0	25	0,110	50
1018.801.011		11,0 x 14,0	25	0,119	50
1018.801.012		12,0 x 15,0	27	0,160	50

Andere Abmessungen auf Anfrage
Further dimensions available

适配管接头

Suitable connectors

		Seite / page	
	US-M	8. 2-5	IP 40
	US-P	8. 6-8	
	US2-M	8. 9	IP 40
	USDR-M	8. 10	IP 40
	USZ-M	8. 11	IP 40
	LI-M	8. 13	IP 40
	LI-P		
	USW-M	8. 15-16	IP 40
	USW-P	8. 17-18	

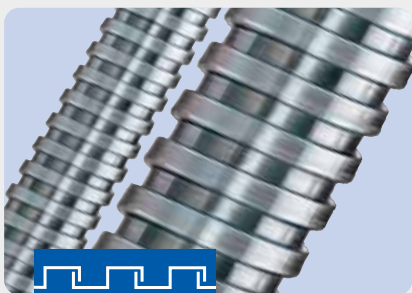


Portrait

ROHrflex
Conduits

FLEXAquick
Connectors

Metal
Conduits



黄铜镀镍保护软管

结构
金属软管外部呈螺旋缠绕状
圆截面呈多边形形状

材质
黄铜镀镍

特性
伸缩性很好
耐拉伸性强
横向抗压力强

Protective metal conduit nickel-plated brass

Structure
Strip-wound metal conduit
hooked profile
round cross section
polygonal profile

Material
Nickel-plated brass strip

Properties

- Highly flexible
- stretch resistant
- lateral compression resistant

应用领域

机械/工厂加工业

船舶制造业

自动化行业

电气安装

传感器技术

机械工业

Application

- Machine and Plant Constructions
- Shipbuilding
- Automation
- Electrical Installations
- Sensor Technology
- Medical Industry

适配管接头

Suitable connectors

Seite / page

Icon	Code	Seite / page	IP
	US-M	8. 2-5	IP 40
	US-P	8. 6-8	
	US2-M	8. 9	IP 40
	USDR-M	8. 10	IP 40
	USZ-M	8. 11	IP 40
	LI-M	8. 13	IP 40
	LI-P	8. 13	
	USW-M	8. 15-16	IP 40
	USW-P	8. 17-18	

FLEXA No.	AD OD					
		Ø mm	mm	m	kg/m	m
1010.601.005		5,0 x 7,0	15	300	0,057	50
1010.601.006		6,0 x 8,0	20	300	0,060	50
1010.601.007		7,0 x 9,3	25	300	0,064	50
1010.601.008	10	8,0 x 10,3	28	300	0,068	50
1010.601.009		9,0 x 11,0	30	300	0,074	50
1010.601.010		10,0 x 12,7	32	300	0,098	50
1010.601.011	14	11,0 x 14,0	34	300	0,109	50
1010.601.012		12,0 x 15,0	38	300	0,120	50
1010.601.014	17	14,0 x 17,0	40	300	0,139	50
1010.601.016	19	16,0 x 19,0	45	300	0,161	50
1010.601.018	21	18,0 x 21,0	50	300	0,185	50
1010.601.023	27	23,0 x 27,0	63	200	0,321	50
1010.601.031	36	31,0 x 36,0	85	150	0,563	25
1010.601.040	45	40,0 x 45,0	100	150	0,738	25
1010.601.051	56	51,0 x 56,0	125	150	0,877	25



Portrait

ROHRflex
Conduits

FLEXquick
Connectors

Metal
Conduits



金属保护软管
双重重叠螺旋结构

结构
双重螺旋缠绕金属软管
圆截面

材质
冷轧钢DC03根据EN10139 ,
镀锌钢Fe/Zn或不锈钢

特性
高拉伸度和扭转
可盘卷包装
屏蔽性好
DIN EN IEC61386-23认证

Protective metal conduit
double-overlapped profile

Structure
Strip-wound metal conduit
double overlapped profile (Agraff)
round cross section

Material
Cold strip DC 03 acc. to EN 10139
galvanized, Fe/Zn 3 or
rustproof steel

Properties

- High tensile and twisting strength
- no untwisting of the conduit
- very flexible
- high shielding factor
- approved acc. to DIN EN IEC 61386-23

应用领域
机械/工厂加工业
汽车行业
铁路工业
船舶制造业
自动化行业
电气安装
根据EN60079-14和EN61241-14
可用于防爆领域

Application

- Machine and Plant Constructions
- Automotive
- Railway Industry
- Shipbuilding
- Automation
- Electrical Installations
- Ex-area acc. to EN 60079-14 and EN 61241-14



适配管接头

Suitable connectors

Seite / page

	US-M	8. 2-5	IP 40
	US-P	8. 6-8	IP 40
	US2-M	8. 9	IP 40
	USDR-M	8. 10	IP 40
	USZ-M	8. 11	IP 40
	LI-M	8. 13	IP 40
	LI-P		
	USW-M	8. 15-16	IP 40
	USW-P	8. 17-18	IP 40

FLEXA No.	AD OD				
	Ø	mm	mm	kg/m	m
1080.101.008	10	8,0 x 10,0	40	0,120	50
1080.101.012	14	12,0 x 14,0	45	0,130	50
1080.101.014	17	14,0 x 17,0	60	0,250	50
1080.101.016	19	16,0 x 19,0	63	0,280	50
1080.101.018	21	18,0 x 21,0	70	0,300	50
1080.101.024	27	24,0 x 27,0	90	0,390	50
1080.101.031	36	31,0 x 36,0	130	0,750	25
1080.101.040	45	40,0 x 45,0	170	0,950	25
1080.101.051	56	51,0 x 56,0	220	1,200	25

金属保护软管
镀锌钢
双重重叠结构
防油 聚氨酯护套

结构
双重重叠缠绕金属软管
圆截面剖面
聚氨酯护套

材质
软管 冷轧钢DC03
根据EN10139,
镀锌钢, Fe/Zn3.
护套 聚氨酯 (PU)

特性
优越的拉伸性和扭转性
防油、挥发性和油脂
抗酸性和抗腐蚀性强
不含卤、硅和镉元素
低温环境下性能好
可盘卷包装
弹性好
屏蔽效果好
抗微生物
具有阻燃性
通过DIN EN
IEC6138-23
阻燃认证
V0 UL94

Protective metal conduit
galvanized steel
double over-lapped profile
oil resistant polyurethane sheathing

Structure
Strip-wound metal conduit
double overlapped (Agraff)
profile round cross section
polyurethane-sheathing

Material
Conduit Cold strip DC 03 acc. to EN
10139, galvanized, Fe/Zn3
Sheathing Polyurethane (PU)





- Properties
- High tensile and twisting strength
 - resistant to oil, benzine, and grease
 - widely resistant to solvents and acids
 - free of halogen, silicone, cadmium
 - outstanding performance at low temperatures
 - no untwisting of the conduit
 - very flexible
 - high shielding factor
 - microbe resistant
 - flame-resistant
 - approved acc. to
DIN EN IEC 61386-23
 - V0 according to UL 94



应用领域
机械/工厂加工业
汽车行业
铁路工业
船舶制造业
自动化行业
电气安装



Application

- Machine and Plant Constructions
- Automotive
- Railway Industry
- Shipbuilding
- Automation
- Electrical Installations

FLEXA No.	AD OD				
metallic blau metallic blue	Ø	mm	mm	kg/m	m
2130.101.007	10	7,0 x 10,0	44	0,130	50
2130.101.011	14	11,0 x 14,0	50	0,164	50
2130.101.013	17	13,0 x 17,0	67	0,290	50
2130.101.015	19	15,0 x 19,0	70	0,330	50
2130.101.017	21	17,0 x 21,0	78	0,350	50
2130.101.023	27	23,0 x 27,0	100	0,460	50
2130.101.029	36	29,0 x 36,0	150	0,860	25
2130.101.038	45	38,0 x 45,0	190	1,100	25
2130.101.049	56	49,0 x 56,0	240	1,420	25
Verkaufsverpackung 10 m					
10 m sales pack					
					* In Ringen * in rings
2131.101.007	10	7,0 x 10,0	44	0,130	10
2131.101.011	14	11,0 x 14,0	50	0,164	10
2131.101.013	17	13,0 x 17,0	67	0,290	10
2131.101.015	19	15,0 x 19,0	70	0,330	10
2131.101.017	21	17,0 x 21,0	78	0,350	10
2131.101.023	27	23,0 x 27,0	100	0,460	10
2131.101.029	36	29,0 x 36,0	150	0,860	10
2131.101.038	45	38,0 x 45,0	190	1,100	10*
2131.101.049	56	49,0 x 56,0	240	1,420	10*



适配管接头 Suitable connectors

		Seite / page	
	US-M	8. 2-5	IP 65
	US-P	8. 6-8	IP 65
	US2-M	8. 9	IP 65
	USDR-M	8. 10	IP 65
	USZ-M	8. 11	IP 65
	USW-M	8. 15-16	IP 65
	USW-P	8. 17-18	IP 65



Portrait

ROHRflex
Conduits

FLEXAquick
Connectors

Metal
Conduits

Metal
Conduits
liquid tight



金属保护软管
镀锌钢
双重重叠结构
硅胶护套
通过ASF认证根据
DIN49012

结构
双重重叠缠绕金属软管
硅胶护套

材质
软管 冷轧钢DC03
根据EN10139,
镀锌钢, Fe/Zn3.
护套 硅胶

特性
优越的拉伸性和扭转性
很好的电气绝缘性能
优越的防臭氧、防紫外线
和大气层性能
可盘卷包装
弹性好
屏蔽效果好
低可燃性
不含卤素
表层无毒性 and 燃烧腐蚀性
耐高温

备注
根据汽车航空工业的应用
金属软管的有机硅涂层材
料要与涂漆分开储存

当使用的温度超过+80度时，
要求使用TED类型的
PTFE密封件

**Protective metal conduit
galvanized steel
double overlapped profile
silicon sheathing
ASF approved acc. to DIN 49012**

Structure
Strip-wound metal conduit
double overlapped profile (Agraff)
silicone sheathing

Material
Conduit Cold strip, DC 03 acc. to
EN 10139, galvanized, Fe/Zn3
Sheathing Silicone (SI)

- Properties**
- High tensile and torsional strength
 - good electrical insulation
 - very good resistance against ozone, ultra-violet radiation and atmospheric influences
 - no untwisting of the conduit
 - very flexible
 - high shielding factor
 - low flammability
 - free of halogen
 - no appearance of toxic and corrosive fire gases
 - high temperature resistant

Notes
Silicone coated materials have to be stored separately from parts to be lacquered acc. to automobile and aeronautical industries.

For applications exceeding +80°C, PTFE-sealings, type TED, are required.

应用领域
机械/工厂加工业
汽车行业
铁路工业
船舶制造业
自动化行业
电气安装
发电厂

Application

- Machine and Plant Constructions
- Automotive
- Railway Industry
- Shipbuilding
- Automation
- Electrical Installations
- Power plants

适配管接头 Suitable connectors			
		Seite / page	
	US-M	8. 2-5	IP 66
	US-P	8. 6-8	
	USW-M	8. 15-16	IP 66
	USW-P	8. 17-18	

FLEXA No.	AD OD				
grau grey	Ø	mm	mm	kg/m	m
2140.801.006	10	6,0 x 10,0	44	0,130	50
2140.801.010	14	10,0 x 14,0	50	0,164	50
2140.801.012	17	12,0 x 17,0	67	0,290	50
2140.801.014	19	14,0 x 19,0	70	0,330	50
2140.801.016	21	16,0 x 21,0	78	0,350	50
2140.801.022	27	21,0 x 27,0	100	0,460	50
2140.801.028	36	27,0 x 36,0	150	0,860	25
2140.801.037	45	37,0 x 45,0	190	1,100	25
2140.801.048	56	47,0 x 56,0	240	1,420	25



金属保护软管
镀锌钢
双重重叠结构
铜线编织网
PU (聚氨酯) 护套

结构
双重重叠缠绕金属软管
圆截面
铜线编织网
PU聚氨酯护套

材质
软管 冷轧钢DC03
根据EN10139,
镀锌钢, Fe/Zn3.
铜线编织网
护套 聚氨酯 (PU)

特性
优越的拉伸性和扭转性
防水
防油、挥发性和油脂
屏蔽效果好 (EMC)
通过DIN EN
IEC6138-23

筛选因素高达30MHz, 根据
EN 50289-1-6达80db

产品长度
通过精确测量, 全米单位从1米
开始, 固定长度安装
需要连接元素, 根据EMC
规格要求

**Protective metal conduit
galvanized steel
double-overlapped profile
CU braiding
PU sheathing**

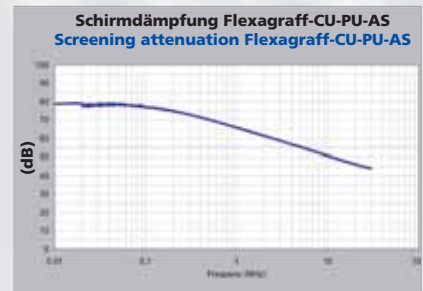
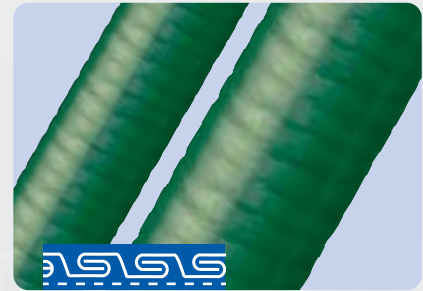
Structure
Strip-wound metal conduit
double-overlapped profile (Agraff)
round cross section
copper wire braiding
PU sheathing

Material
Conduit Cold strip DC 03,
EN 10139, galvanized, Fe/Zn 3
Braiding Tinned copper
Sheathing Polyurethane (PU)

Properties

- High stretching and twisting strain
- liquidproof
- resistant to oil, benzene, grease
- high shielding factor (EMC)
- approved acc. to DIN EN IEC 61386-23
- screening factor up to 30 MHz acc. to. EN 50289-1-6 up to 80 dB

Product lengths
Full-metre lengths beginning with
1 metre precisely measured.
Fixed lengths are mounted with
connecting elements acc. to
EMC specifications.



应用领域
机械/工厂加工业
汽车行业
铁路工业
船舶制造业
电气安装
屏蔽EMC领域

Application

- Machine and Plant Constructions
- Automotive
- Railway Industry
- Shipbuilding
- Electrical Installations
- EMC applications





Portrait

ROHRflex
Wellenschlauch

FLEXAquick
Anschluss-
technik

Metall
Schläuche

Metall
Schläuche
- dicht -

FLEXA No.	AD OD				
grün green	Ø	mm	mm	kg/m	m
2540.707.007	10	7,0 x 11,0	54	0,150	50
2540.707.011	14	11,0 x 15,0	60	0,210	50
2540.707.013	17	13,0 x 18,0	77	0,340	50
2540.707.015	19	15,0 x 20,0	80	0,390	50
2540.707.017	21	17,0 x 22,0	88	0,410	50
2540.707.023	27	23,0 x 28,0	110	0,530	50
2540.707.029	36	29,0 x 37,0	160	1,000	25
2540.707.038	45	38,0 x 46,0	200	1,250	25
2540.707.049	56	49,0 x 57,0	250	1,690	25



适配管接头
Suitable connectors

Seite / page



USD-M

8. 12

USD-P

8. 12

IP 67

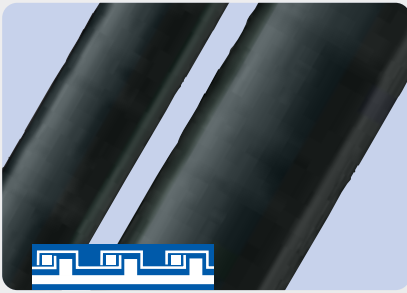
Portrait

ROHRflex
Conduits

FLEXAquick
Connectors

Metal
Conduits

Metal
Conduits
liquid tight



金属保护软管
镀锌钢
防油 塑料护套
耐高温

结构
双重重叠缠绕金属软管
特殊纤维密封
平滑 防油
塑料护套

材质
软管 冷轧钢DC03
根据EN10139,
镀锌钢, Fe/Zn3.
特殊纤维密封
护套 塑料

特性
防水性能很好
耐高温
防酸、防汽油
防煤油
不含硅、镉元素
弹性好
具有自行熄灭功能
防油

**Protective metal conduit
galvanized steel
oil-resistant Polymer sheathing
for high temperature range**

Structure
Strip-wound metal conduit
hooked profile
special fibre sealing
smooth, caused oil-resistant
Polymer sheathing

Material
Conduit Cold strip , DC 03 acc.
EN 10139, galvanized, Fe/Zn 3
with special fibre sealing
Sheathing Polymer

Properties

- Extremely liquid-tight
- high temperature resistant
- resistant to acid and petrol
- resistant to kerosene
- free of silicone and cadmium
- flexible
- self-extinguishing
- caused oil resistant

应用领域
机械/工厂加工业
汽车行业
船舶制造业
自动化行业
电气安装
适合国际应用

Application

- Machine and Plant Constructions
- Automotive
- Shipbuilding
- Automation
- Electrical Installations
- For International Applications

适配管接头

Suitable connectors

Seite / page

Image	Model	Seite / page	IP
	USE-M/P	8. 22	IP 66
	EG-M/P	8. 23	IP 66
	EW 45-M/P	8. 24	IP 66
	EW 90-M/P	8. 25	IP 66

FLEXA No.

AD
OD



schwarz
black

Ø

mm

mm

kg/m

m

2085.902.010	5/16"	10,0 x 14,5	50	0,170	50
2085.902.012	3/8"	12,5 x 18,0	60	0,260	50
2085.902.016	1/2"	16,0 x 21,0	70	0,300	50
2085.902.021	3/4"	21,0 x 26,5	85	0,460	50
2085.902.026	1"	26,5 x 33,0	110	0,650	25
2085.902.035	1 1/4"	35,5 x 42,0	110	1,000	25
2085.902.050*	2"	51,5 x 60,0	210	1,200	25

* auf Anfrage * on request

Portrait

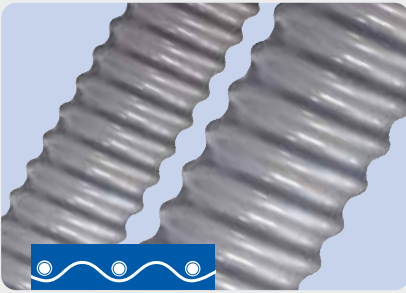
ROHRflex
Conduits

FLEXAquick
Connectors

Metal
Conduits

Metal
Conduits
liquid tight

Plastic
Conduits



应用领域
机械/工厂加工业
汽车行业
船舶制造业
自动化行业
电气安装
应用于导链
适合作为吸收软管

Application

- Machine and Plant Constructions
- Automotive
- Shipbuilding
- Automation
- Electrical Installations
- Applications with guide chains
- Suitable as suction conduit



适配管接头

Suitable connectors

Seite / page



USK-M/P

8. 20

IP 54



LKI-M/P

8. 21

IP 54



US-M/P

8. 3-8

IP 54

塑料保护软管
硬质PVC护套
弹簧钢线

颜色灰色
需要的话有特殊颜色

结构
螺旋缠绕波纹塑料软管，
硬质PVC护套，弹簧钢线，
软质PVC护套

材质
护套PVC，内含PVC护套
弹簧钢线

特性
弹性很好
防膨胀和颠倒
防大气和水
防油和防酸性强
不含硅和镉元素
内部防腐蚀
通过DIN EN IEC
61386-23认证

**Protective plastic conduit
helix of PVC-sheathed
spring steel wire**


Colour grey
Special colours on request

Structure
Helical coiled corrugated plastic
conduit, helix of PVC sheathed
spring steel wire, soft PVC sheathing

Material
Sheathing PVC
Inside helix PVC sheathed spring
steel wire

Properties

- Extremely flexible
- expansible and upsettable
- air and liquidproof
- widely resistant to oil and acids
- free of silicone and cadmium
- inside protection against corrosion
- approved acc. to
DIN EN ICE 61386-23

FLEXA No.	AD OD				
grau grey	Ø	mm	mm	kg/m	m
2030.101.007	10	7,0 x 10,0	8	0,070	50
2030.101.010*	14	10,0 x 14,0	10	0,085	50
2030.101.013*	17	13,0 x 17,0	13	0,130	50
2030.101.015*	19	15,0 x 19,0	15	0,150	50
2030.101.016*	21	16,0 x 21,0	17	0,210	50
2030.101.021	27	22,0 x 27,0	20	0,290	50
2030.101.029	36	29,0 x 36,0	25	0,440	25
2030.101.038	45	38,0 x 45,0	36	0,542	25
2030.101.048	56	48,0 x 56,0	40	0,875	25
Verkaufsverpackung 10 m 10 m sales pack					** in Ringen ** in rings
2031.101.007	10	7,0 x 10,0	8	0,070	10
2031.101.010*	14	10,0 x 14,0	10	0,085	10
2031.101.013*	17	13,0 x 17,0	13	0,130	10
2031.101.015*	19	15,0 x 19,0	15	0,150	10
2031.101.016*	21	16,0 x 21,0	17	0,210	10
2031.101.021	27	22,0 x 27,0	20	0,290	10
2031.101.029	36	29,0 x 36,0	25	0,440	10
2031.101.038	45	38,0 x 45,0	36	0,542	10**
2031.101.048	56	48,0 x 56,0	40	0,875	10**

* mit NEMKO-Approbation
* with NEMKO approval

Andere Abmessungen auf Anfrage
Further dimensions on inquiry

塑料保护软管
硬质PVC护套
弹簧钢线

结构
螺旋缠绕波纹塑料软管，
内含硬质塑料护套
弹簧钢线，附有PU
护套

材质
护套 聚氨酯 (PU)
内含硬质塑料护套
弹簧钢线

特性
弹性好
防膨胀和颠倒
密封性和防水性强
韧性好、耐磨损、耐抗压
防油、汽油和油脂
防酸防腐蚀强
不含卤硅镉元素
防微生物
低温环境下性能好
阻燃
通过DIN EN IEC
61386-23认证
通过阻燃VOUL94认证

Protective plastic conduit inside helix of PVC sheathed spring steel wire

Structure

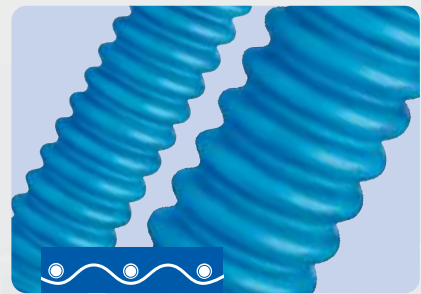
Helical coiled corrugated plastic conduit, inside helix of plastic-sheathed spring steel wire, fixed PU sheathing

Material

Sheathing Polyurethane (PU)
Inside helix Plastic sheathed spring steel wire

Properties





- Extremely flexible
- highly expandable and upsettable
- airtight and liquidproof
- high tenacity / abrasion resistance
- resistant to oil, benzene, and grease
- widely resistant to solvents, acids
- free of halogen, silicone, cadmium
- microbe resistant
- outstanding performance at low temperatures
- flame-resistant
- approved acc. to DIN EN ICE 61386-23
- V0 according to UL 94



应用领域
机械/工厂加工业
汽车行业
船舶制造业
自动化行业
电气安装
应用于导链
适合作为吸收软管

Application

- Machine and Plant Constructions
- Automotive
- Shipbuilding
- Automation
- Electrical Installations
- Applications with guide chains
- Suitable as suction conduit

FLEXA No.	AD OD				
metallic blau metallic blue	Ø	mm	mm	kg/m	m
2040.701.007	10	7,0 x 10,0	8	0,070	50
2040.701.010	14	10,0 x 14,0	10	0,085	50
2040.701.013	17	13,0 x 17,0	13	0,130	50
2040.701.015	19	15,0 x 19,0	15	0,150	50
2040.701.016	21	16,0 x 21,0	17	0,210	50
2040.701.021	27	22,0 x 27,0	20	0,290	50
2040.701.029	36	29,0 x 36,0	25	0,440	25
2040.701.038	45	38,0 x 45,0	36	0,542	25
2040.701.048	56	48,0 x 56,0	40	0,875	25
Verkaufsverpackung 10 m					
10 m sales pack					
** in Ringen ** in rings					
2041.701.007	10	7,0 x 10,0	8	0,070	10
2041.701.010	14	10,0 x 14,0	10	0,085	10
2041.701.013	17	13,0 x 17,0	13	0,130	10
2041.701.015	19	15,0 x 19,0	15	0,150	10
2041.701.016	21	16,0 x 21,0	17	0,210	10
2041.701.021	27	22,0 x 27,0	20	0,290	10
2041.701.029	36	29,0 x 36,0	25	0,440	10
2041.701.038	45	38,0 x 45,0	36	0,542	10*
2041.701.048	56	48,0 x 56,0	40	0,875	10*



适配管接头

Suitable connectors

Seite / page

	USK-M/P	8. 20	IP 54
	LKI-M/P	8. 21	IP 54
	US-M/P	8. 3-8	IP 54

Portrait

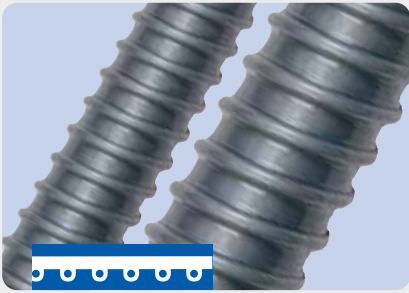
ROHRflex
Conduits

FLEXAquick
Connectors

Metal
Conduits

Metal
Conduits
liquid tight

Plastic
Conduits



全塑软管
硬质塑料整体螺旋
内表面平滑
通过经销商实验室根据文件
E86359的UL认证

结构
双重重叠缠绕全塑软管
内表面平滑
硬质塑料整体螺旋

材质
PVC与螺旋硬质塑料

特性
弹性好
密封和防水性能好
防油和抗酸性
不含硅和镉元素
易穿电缆

All-plastic conduit
integrated helix of rigid plastic
plain inside surface
UL File No. E 86359 Underwriters`
Laboratories Inc.

Structure
Strip-wound all-plastic conduit
plain inside surface
integrated helix of rigid plastic

Material
PVC with helix of rigid plastic

Properties

- Extremely flexible
- airtight and liquidproof
- widely resistant to oil and acids
- free of silicone and cadmium
- easy drawing-in of cables



应用领域
机械/工厂加工业
汽车行业
船舶制造业
自动化行业
电气安装

Application

- Machine and Plant Constructions
- Automotive
- Shipbuilding
- Automation
- Electrical Installations

其它尺寸和材质可根据需求而定
Further dimensions and materials on inquiry



适配管接头

Suitable connectors

Seite / page

	USK-M/P	8. 20	IP 54
	LKI-M/P	8. 21	IP 54
	US-M/P	8. 3-8	IP 54

FLEXA No.	AD OD				
grau grey	Ø	mm	mm	kg/m	m
0200.101.007	10	7,0 x 10,0	16	0,020	50
0200.101.010	14	10,0 x 14,0	18	0,035	50
0200.101.013	17	13,0 x 17,0	22	0,040	50
0200.101.015	19	15,0 x 19,0	25	0,047	50
0200.101.016	21	16,0 x 21,0	30	0,065	50
0200.101.021	27	21,0 x 27,0	40	0,095	50
0200.101.029	36	29,0 x 36,0	50	0,315	25
0200.101.038	45	38,0 x 45,0	60	0,340	25
0200.101.048	56	48,0 x 56,0	100	0,420	25
Verkaufsverpackung 10 m					
10 m sales pack					
** in Ringen ** in rings					
0201.101.007	10	7,0 x 10,0	16	0,020	10
0201.101.010	14	10,0 x 14,0	18	0,035	10
0201.101.013	17	13,0 x 17,0	22	0,040	10
0201.101.015	19	15,0 x 19,0	25	0,047	10
0201.101.016	21	16,0 x 21,0	30	0,065	10
0201.101.021	27	21,0 x 27,0	40	0,095	10
0201.101.029	36	29,0 x 36,0	50	0,315	10
0201.101.038	45	38,0 x 45,0	60	0,340	10*
0201.101.048	56	48,0 x 56,0	100	0,420	10*

全塑软管
硬质塑料整体螺旋
内表面平滑

颜色灰色
特殊颜色可定制

结构
全塑软管
内表面平滑
硬质塑料整体螺旋

材质
PVC与螺旋硬质塑料

特性
弹性好
密封和防水性能好
防油和抗酸性
不含硅和镉元素
内表面平滑，易于穿电缆和
清洗软管表面
通过经销商实验室根据文件
E86359的UL认证

All-plastic conduit
integrated helix of rigid plastic
plain inside and outside surfaces

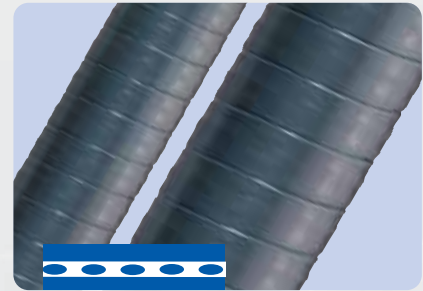
Colour Grey
Special colours on request

Structure
All-plastic conduit
plain inside and outside surfaces
helix of rigid plastic

Material
PVC with helix of rigid plastic

Properties

- Flexible
- airtight and liquidproof
- widely resistant to oil and acids
- free of silicone and cadmium
- plain inside and outside, easy drawing-in of cables and cleaning outside surface of conduits
- **UL File No. E 86359 Underwriters' Laboratories Inc.**



Portrait

ROHRflex
Wellenschlauch

FLEXAquick
Anschluss-
technik

Metall
Schläuche





Metall
Schläuche
- dicht -

Kunststoff
Schläuche

应用领域
机械/工厂加工业
汽车行业
船舶制造业
自动化行业
电气安装

Application

- Machine and Plant Constructions
- Automotive
- Shipbuilding
- Automation
- Electrical Installations

FLEXA No.	AD OD				
grau grey	Ø	mm	mm	kg/m	m
0220.101.010	14	10,0 x 14,0	50	0,080	50
0220.101.013	17	13,0 x 17,0	65	0,110	50
0220.101.015	19	15,0 x 19,0	73	0,135	50
0220.101.016	21	16,0 x 21,0	75	0,175	50
0220.101.021	27	21,0 x 27,0	90	0,240	50
0220.101.029	36	29,0 x 36,0	130	0,410	25
0220.101.038	45	38,0 x 45,0	190	0,530	25
0220.101.048	56	48,0 x 56,0	250	0,700	25



适配管接头

Suitable connectors

Seite / page

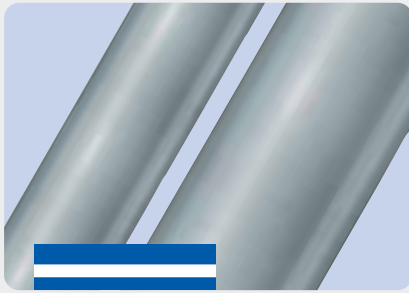
	USK-M/P	8. 20	IP 65
	LKI-M/P	8. 21	IP 54
	US-M/P	8. 3-8	IP 65

K-Schlauch

IP 68

-25 °C ... +80 °C ^+100 °C
... ca. +60 °C als Leitschlauch/as conveying conduit

Portrait



ROHRflex
Conduits

FLEXAquick
Connectors



Metal
Conduits

Metal
Conduits
liquid tight

Plastic
Conduits

应用领域
机械/工厂加工业
汽车行业
自动化行业
电气安装

Application

- Machine and Plant Constructions
- Automotive
- Automation
- Electrical Installations

全塑软管
内表面光滑

结构
全塑软管
内表面光滑

材质
PVC

特性
弹性好
密封和防水性能好
防油和抗酸性好
不含硅和镉元素
内外表面光滑

All-plastic conduit
plain inside and outside surfaces

Structure

All-plastic conduit
plain inside and outside surfaces

Material

PVC

Properties

- Flexible
- airtight and liquidproof
- widely resistant to oil and acids
- free of silicone and cadmium
- plain inside and outside surface

适配管接头

Suitable connectors

Seite / page



	USK-M/P	8. 20	IP 65
	LKI-M/P	8. 21	IP 54
	NIMS-M/P	8. 3-8	IP 68

FLEXA No.

AD
OD



grau
grey

Ø

mm

mm

kg/m

m

0205.101.007

10

7,0 x 9,0

0,030

50

0205.101.011

14

10,5 x 13,5

0,070

50

0205.101.014

17

13,5 x 16,5

0,080

50

0205.101.015

19

15,0 x 18,4

0,120

50

0205.101.017

21

17,0 x 20,5

0,140

50

0205.101.022

27

22,0 x 26,5

0,210

50

0205.101.030

36

29,5 x 35,0

0,370

25

0205.101.038

45

38,0 x 44,0

0,440

25

je nach Füllungsgrad
des Schlauches
depending on filling ratio
of the conduit