

软管产品介绍

Product overview

ROHRFLEX® 系列尼龙软管配FLEXAQUICK® 系列软管接头

ROHRFLEX® TUBINGS WITH FLEXAQUICK® CONNECTORS



PA 6

标准品
适用大多数应用
standard, for almost
all applications



PA 6-D

厚壁
适用重载应用
thick walled,
for heavy applications



PA 6 S

低防火等级
适用简单应用
reduced fire protection
for simple applications



PA 6 L

低防火等级
节省成本
reduced fire protection
economical



PA 6-HT

适用高温应用
for high temperatures

页码 | page 02.2

02.3

02.4

02.5

02.6

认证
Recognition外径尺寸
Size range OD

10 – 54,5

10 – 54,5

10 – 54,5

10 – 54,5

10 – 54,5

材料
Material聚酰胺 PA6
Polyamide 6聚酰胺 PA6
Polyamide 6聚酰胺 PA6
Polyamide 6聚酰胺 PA6
Polyamide 6聚酰胺 PA6
Polyamide 6温度范围
Temperature range

-40°C ... +120°C

-40°C ... +120°C

-40°C ... +120°C

-25°C ... +120°C

-25°C ... +200°C

阻燃等级
Flammability class

V0 [UL 94]

V0 [UL 94]

HB [UL 94]

HB [UL 94]

V2 [UL 94]

应用
Applications机械/生产设备
Machine / Plant Construction

✓

✓

✓

✓

✓

轨道交通应用
Railway Industry

✓

✓

✓

-

汽车行业
Automotive

✓

✓

✓

✓

✓

造船业
Shipbuilding

✓

✓

✓

✓

-

自动化
Automation

✓

✓

✓

✓

-

电气安装
Electrical Installations

✓

✓

✓

✓

✓

用于修理和改造
for retrofit and repair

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-P PG 螺纹
-M 公制螺纹
-C CTG螺纹
-N NPT螺纹
-U UNEF螺纹

-P PG thread
-M metric thread
-C CTG thread
-N NPT thread
-U UNEF-Gewinde

软管接头 | CONNECTORS

RQG-M/P/C/N
03.6RQGK-M/P
03.8RQG1-M/P/C/N
03.9-10RQLG1-M/P
03.11RQKZ[P]-M/P
03.12-14RQKZE-M/P
03.15RQGZ-M/P/N
03.16RQGZ1-M/P/N
03.17RQG2-M/P/N/U
03.18-19RQK2-M/P
03.20RQG3-M/U
03.21RQGZ-S
03.22RQG1-S
03.23RQGST-M
03.24RQG-Duo-M
03.25RGE-M
03.26RQB90-M/P
03.27RQBK90-M/P/N
03.28



PA 12

适用高柔性应用以及室外应用
for very flexible applications, outdoor

02.7



PA 12-D

厚壁
适用重载应用以及室外应用
thick walled, for heavy applications, outdoor

02.8



PA 12-F

最佳防火等级
尤其适用轨道交通行业
best fire protection, esp. for the railway industry

02.9



PU

适用高柔性应用
耐油
very flexible applications, oil / fuel resistant

02.9



PP

适用非柔性应用
节省成本
non-flexible economic applications

02.11



PA 6-CU

铜CU编织带
适用EMC屏蔽应用
CU braiding EMC applications

02.10



DUO PA 6|PP

两件套软管
可轻松打开闭合
two-pieces, dividable and recloseable

02.14|15



10 – 54,5

10 – 54,5

10 – 54,5

13 – 54,5

10 – 54,5

13 – 54,5

10 – 79,0

聚酰胺 PA12
Polyamide 12

聚酰胺 PA12
Polyamide 12

聚酰胺 PA12
Polyamide 12

聚氨酯 PU
Polyurethane

聚丙烯 PP
Polypropylene

聚酰胺 PA6
Polyamide 6

聚酰胺 PA6 | 聚丙烯 PP
Polyamide 6 | PP

-50°C ... +100°C

-50°C ... +100°C

-50°C ... +100°C

-40°C ... +120°C

-40°C ... +120°C

-40°C ... +120°C

-40°C ... +120°C PA 6
-25°C ... +120°C PP

V2 [UL 94]

V2 [UL 94]

V2 [UL 94]

HB [UL 94]

HB [UL 94]

HB | V2 [UL 94]



RQBK90DR – M|PiN
03.29



RQB1 90 – M
03.30



RQLB1 90 – M|PiN
03.31



RQB45 – M|PiN
03.32



RQBK45 – M|PiN
03.33



RQB1 45 – M|PiN
03.34



RQLB1 45 – M
03.35



RQW – M|PiCIN
03.36-37



RQW1 – M|PiN
03.38



RQW – F
03.39



RQF2 – M
03.39



RQE
03.40



RQA
03.40



RQPRO
03.41



MULTI – GFP
03.42



MULTI – WFP
03.43



RQT
03.44



RQY
03.45



RQK
03.46



RQGR
03.47



RQH | RQHG
03.48



RQS
03.49



RQM | RQMS
03.50



RQMR
03.51

软管产品介绍

Product overview

金属保护软管

PROTECTIVE METAL CONDUITS



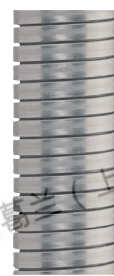
SPR-AS
S轮廓
S profile



SPR
S轮廓
S profile



SPR-VA
S轮廓
S profile



FLEXAgraff®-AS
Agraff轮廓
Agraff profile

* 可提供特殊尺寸
* Special dimensions deliverable

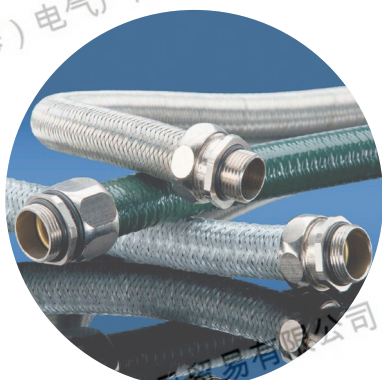
页码 | page 04.2

04.2

04.3

04.6

认证 Recognition	 BWB 		 	
外径尺寸 Size range OD	10 – 56*	5 – 13*	2,5 – 56*	10 – 56
材料 Material	镀锌钢 galvanized steel	镀锌钢 galvanized steel	不锈钢 stainless steel	镀锌钢 galvanized steel
温度范围 Temperature range	-50° C ... +250° C	-50° C ... +250° C	+200° C... +600° C	-50° C ... +250° C
防护等级 Protective system	IP 40	IP 40	IP 40	IP 40
应用 Applications				
机械/生产设备 Machine / Plant Construction	✓	✓	✓	✓
轨道交通行业 Railway Industry	✓	✓	✓	✓
汽车行业 Automotive	✓	✓	✓	✓
造船业 Shipbuilding	✓	✓	✓	✓
自动化 Automation	✓	✓	✓	✓
电气安装 Electrical Installations	✓	✓	✓	✓
传感技术 Sensor Technology	✓	✓	✓	-
Ex防爆领域 Ex-Area	✓	✓	✓	✓



软管接头 | CONNECTORS



US-MIP
08.2



US2-M
08.8



USDR-M
08.10



USZ-M
08.12



USZ-EX-M
08.14



LI-MIP
08.18



LIF-MIP
08.19



USW-MIP
08.20

金属保护软管-外包金属编织网
PROTECTIVE METAL CONDUITS WITH BRAIDING



FLEXAgraff®-VA
Agraff轮廓
Agraff profile

04.7



SPR-CU-AS
S轮廓
镀锡铜编织网
S profile
tinned copper wire braiding

04.5



SPR-EDU-AS
S轮廓
镀锌钢编织网
S profile
galvanized steel wire braiding

04.4



FLEXAgraff®-CU-AS
Agraff轮廓
镀锡铜编织网
Agraff profile
tinned copper wire braiding

04.8

6 – 56	10 – 56	10 – 56	14 – 56
不锈钢 stainless steel	镀锌钢 galvanized steel	镀锌钢 galvanized steel	镀锌钢 galvanized steel
-200° C ... +600° C	-50° C ... +250° C	-50° C ... +250° C	-50° C ... +250° C
IP 40	IP 40	IP 40	IP 40
✓	✓	✓	✓
✓	✓	-	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
✓	✓	✓	✓
-	✓	-	✓
✓	-	✓	✓

软管附件| ACCESSORIES



MSD
08.31



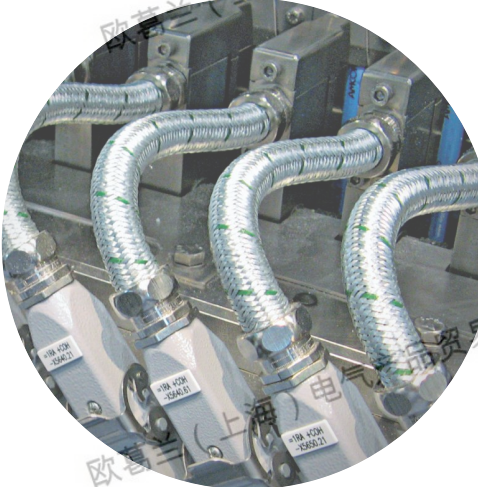
TED
08.31



EK
08.32

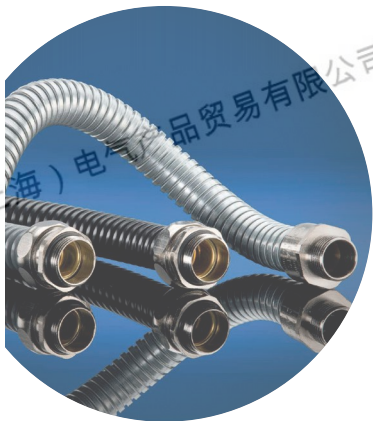


EEM
08.33



软管产品介绍

Product overview

金属保护软管 | 金属防水软管
PROTECTIVE METAL CONDUITS | LIQUID TIGHTSPR-PVC-AS
SPR-PVCS轮廓
PVC保护层
S profile
PVC sheathing

SPR-PA

S轮廓
PA保护层
S profile
PA sheathing

SPR-PU-AS

S轮廓
耐油PU保护层
S profile
oil-resistant
PU sheathing

SPR-PU-F

S轮廓
阻燃PU保护层
S profile
flame retardant
PU sheathingSPR-PVC-
EDU-ASS轮廓
PVC保护层
镀锌钢编织网
S profile, PVC sheathing,
galvanized steel wire
braidingFLEXAgraff®-
PU-ASAgraff轮廓
耐油PU保护层
Agraff profile
oil-resistant
PU sheathing

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05.4

05.5

05.6

05.7

05.8

认证
Recognition外径尺寸
Size range OD

10 – 56 | 7 - 12

10 – 56

10 – 56

10 – 56

14 – 56

10 – 56

材料
Material镀锌钢
galvanized steel镀锌钢
galvanized steel镀锌钢
galvanized steel镀锌钢
galvanized steel镀锌钢
galvanized steel镀锌钢
galvanized steel温度范围
Temperature range

-25° C ... +90° C

-50° C ... +120° C

-50° C ... +100° C

-50° C ... +100° C

-25° C ... +90° C

-50° C ... +100° C

防护等级
Protective system

IP 68

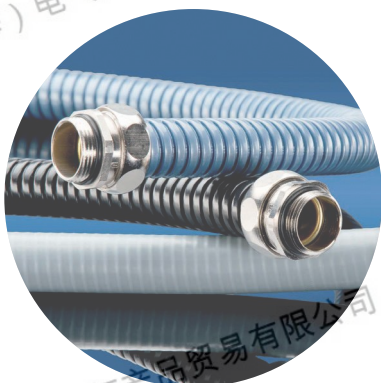
IP 68

IP 68

IP 68

IP 68

IP 68

应用
Applications机械/生产设备
Machine / Plant Construction轨道交通应用
Railway Industry汽车行业
Automotive造船业
Shipbuilding自动化
Automation电气安装
Electrical Installations餐饮行业
Food and Beverage Industry

软管接头 | CONNECTORS

US-MIP
08.2US2-M
08.8USDR-M
08.10USZ-M
08.12US-FOOD-M
08.26EG-MIP
08.27LI-MIP
08.18LIF-MIP
08.19USD-MIP
08.16USW-MIP
08.20EW 45-MIP
08.28EW 90-MIP
08.29

金属保护软管 | 金属防水软管

PROTECTIVE METAL CONDUITS | LIQUID TIGHT



FLEXAgraff®-PU-F

Agraff轮廓
阻燃PU保护层
Agraff profile
flame retardant
PU sheathing

05.9



10 – 56

镀锌钢
galvanized steel

-50°C ... +100°C

IP 68



FLEXAgraff®-SI-ASF

Agraff轮廓
SI保护层
Agraff profile
SI sheathing

05.10



14 – 56

镀锌钢
galvanized steel

-50°C ... +180°C

IP 68



FLEXAgraff®-CU-PU

Agraff轮廓
镀锡铜编制网
PU保护层
Agraff profile, tinned
copper wire braiding
PU sheathing

05.11

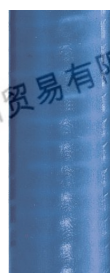


14 – 56

镀锌钢
galvanized steel

-50°C ... +100°C

IP 68



LIQUID-Tight-FOOD

光滑PU保护层
高防护等级
食品安全级
smooth PU sheathing
extra liquid tight
food-safe

05.15



1/2" – 1 1/4"

镀锌钢
galvanized steel

-40°C ... +80°C

IP 68



LIQUID-Tight-EF

光滑PVC保护层
高防护等级
smooth PVC sheathing
extra liquid tight

05.12



5/16" – 2"

镀锌钢
galvanized steel

-25°C ... +90°C

IP 68



LIQUID-Tight-UL-CSA

铜接地线
光滑PVC保护层
copper ground lead
smooth PVC sheathing

05.14



3/8" – 2"

镀锌钢
galvanized steel

-25°C ... +90°C

IP 68

✓

✓

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软管附件 | ACCESSORIES



MSD
08.31



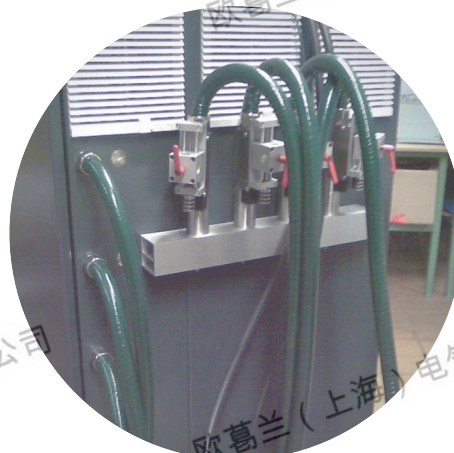
TED
08.31



EK
08.32



EEM
08.33

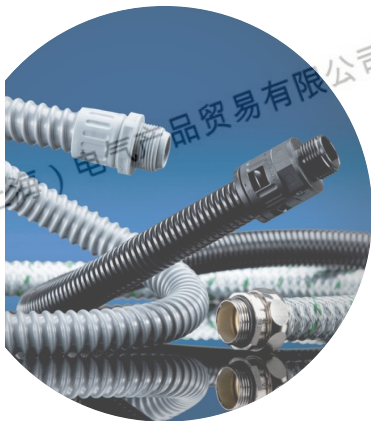
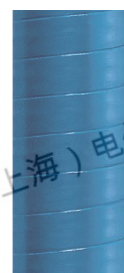


软管产品介绍

Product overview

塑料保护软管

PROTECTIVE PLASTIC CONDUITS

**AIRflex®–
KUW–PVC–AS**弹簧钢丝螺旋
Inside helix of
spring steel wire**AIRflex®–
KUW–PU–AS**弹簧钢丝螺旋
Inside helix of
spring steel wire**AIRflex®–
KUW–EDU**PVC保护层
镀锌钢编织网
PVC sheathing
galvanized steel wire
braiding**AIRflex®–K**硬质塑料螺旋
内表面光滑
helix of rigid plastic
plain inside surface**AIRflex®–GRS**硬质塑料螺旋
内外表面光滑
helix of rigid plastic
plain inside/outside**AIRflex®–GRS–
FOOD**硬质塑料螺旋
PVC保护层
食品安全级
helix of rigid plastic
PVC, food-safe

页码 | page

06.2

06.3

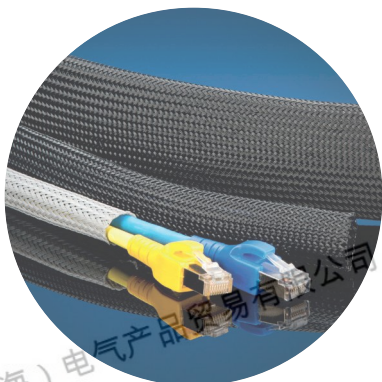
06.4

06.5

06.6

06.7

认证 Recognition						
外径尺寸 Size range OD	10 – 56	10 – 56	14 – 56	10 – 56	14 – 56	1/2" – 1 1/4"
材料 Material	弹簧钢丝 PVC spring steel wire PVC	弹簧钢丝 PU spring steel wire PU	PVC 镀锌钢 PVC galv. steel wire	硬质塑料 PVC rigid plastic PVC	硬质塑料 PVC rigid plastic PVC	硬质塑料 PVC rigid plastic PVC
温度范围 Temperature range	-25°C ... +90°C	-40°C ... +100°C	-25°C ... +90°C	-25°C ... +90°C	-25°C ... +90°C	-25°C ... +50°C
防护等级 Protective system	IP 68	IP 68	IP 68	IP 68	IP 68	IP 68
应用 Applications						
机械/生产设备 Machine / Plant Construction	✓	✓	✓	✓	✓	✓
轨道交通行业 Railway Industry	–	–	–	–	–	–
汽车行业 Automotive	✓	✓	✓	✓	✓	–
自动化 Automation	✓	✓	✓	✓	✓	✓
电气安装 Electrical Installations	✓	✓	✓	✓	✓	✓
作为排水管 As suction hose	✓	✓	–	✓	✓	–
波导技术 Beam wave guide Technology	–	–	–	–	–	–
医疗技术 Medical Technology	–	–	–	–	–	–
餐饮行业 Food and Beverage Industry	–	–	–	–	–	✓

**USK–M/P
08.24****LKI–M/P
08.25****US2–M
08.8****USDR–M
08.10****US–FOOD–M
08.26****US–M/P
08.2****USZ–M
08.12****NIMS–M/P
08.30****USW–M/P
08.20**软管接头
CONNECTORS

编织套管 BRAIDINGS



HG-PA

丝状圆形编织
wire braiding
round braiding

07.2



HG-PET022

丝状圆形编织
wire braiding
round braiding

07.3



HG-CU
HG-CU-K

丝状圆形编织
wire braiding
round braiding

07.4/5



HG-EDU

丝状圆形编织
wire braiding
round braiding

07.6



PS-VA
PSL-VA

玻璃纤维编织
SI保护层
fiber glass braiding
SI sheathing

07.7



FLEXAhightemp

硅酸钙编织
SI保护层, 阻燃
calcium-silicate braiding
SI sheathing,
fire protection

07.8



FLEXAspiral PE
FLEXAspiral PA12

螺旋套管
spiral bindings

07.10/11



NW | ID 5 – 50

聚酰胺PA
polyamide monofilaments

-50°C ... +120°C



NW | ID 4 – 50

涤纶树脂PVC
PET monofilaments

-50°C ... +150°C



NW | ID 6 – 35

镀锡铜丝
tinned copper wires

-50°C ... +250°C



NW | ID 6 – 35

镀锌钢丝
galvanized steel wires

-50°C ... +250°C

NW | ID 2,5 – 8,0
NW | ID 3,3 – 7,7

不锈钢V2A
stainless steel V2A

-50°C ... +180°C

NW | ID 10 – 60

硅酸钙
calcium-silicate/silicone

-50°C ... +350°C

NW | ID 6 – 12

聚酰胺PA12
PA 12

-40°C ... + 90°C
-40°C ... +100°C

IP 68

IP 68

软管附件 | ACCESSORIES



MSD
08.31



TED
08.31



EK
08.32



SGL
08.30



EEM
08.33



AK
08.32

