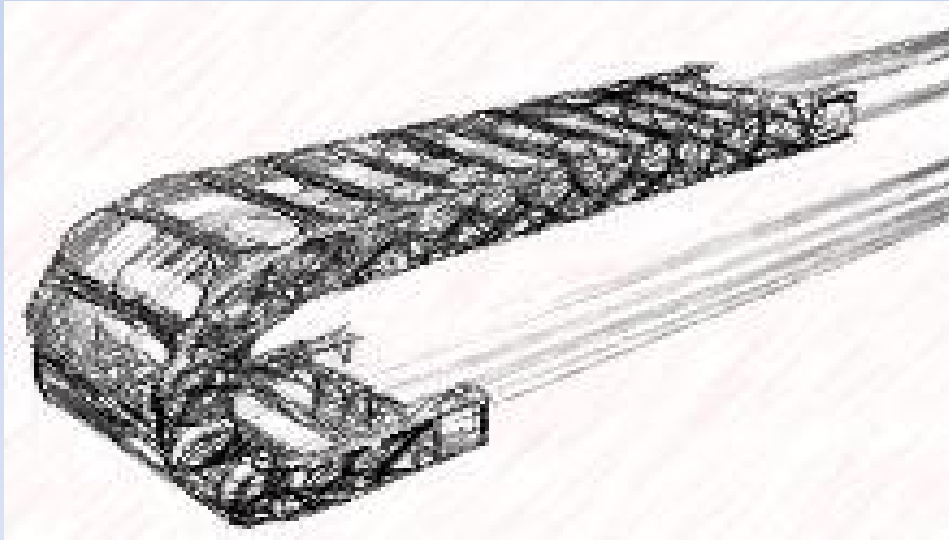


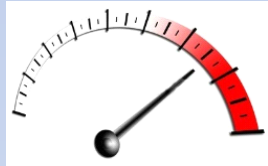







DRAG CHAIN CABLES

PERMANENT MOVEMENT IN CHAINS



More than 10 years of experience with cables confirms KC Industrie as a reliable partner for your special cables demands.

We can offer a complete range of cables for permanent movement with international approvals as well.

		
	<p>K-PLUS 9000 P K-PLUS 9000 CP K-PLUS 9500 CP</p>	
	<p>K-PLUS 8000 P K-PLUS 8000 CP K-PLUS 8500 CP</p>	<p>K-PLUS 8000 P UR CSA K-PLUS 8000 CP UR CSA K-PLUS 8500 CP UR CSA</p>
	<p>K-PLUS 8000 K-PLUS 8000 CY K-PLUS 8500 CY</p>	<p>K-PLUS 8000 UR CSA K-PLUS 8000 CY UR CSA K-PLUS 8500 CY UR CSA</p>
		<p>K-PLUS 3000 CHAIN UR CSA K-PLUS 3500 CY CHAIN UR CSA</p>
	<p>on request</p>	<p>on request</p>

K-PLUS 3000 CHAIN UL CSA

Chain application American and Canadian control and power cable manufactured according to UL AWM Style 2587 and CSA AWM I A/B II A/B

<u>construction</u>	<u>technical data</u>	
flexible bare copper DIN VDE 0295 Class 5	<u>nominal voltage</u>	600V
PVC <u>insulation</u> compound UL1581	<u>test voltage</u>	6000V
nonwoven tape over the outer layer	<u>temperature</u>	<u>flexing</u> -5°C to +70°C
outer sheath in special PVC acc.to UL 11008 - 2587		<u>fixed</u> -40°C to +80°C
	<u>bending radius</u>	<u>chain operation</u> 12X

UL and CSA approved Control Cable especially for European and American markets. Suitable for use in power chains or moving machine parts, for travel distances up to 10 m. In dry, damp or wet interiors. Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Only for outdoor use within the indicated operating temperature range, with UV-protection



UL Recognized, PVC PVC, class 5 conductors, drag chain power and control cable for application in drag chains for short distances, and low speed of movements.

K-PLUS 3500 CHAIN CY UL CSA

Chain application American and Canadian control and power shielded cable, manufactured according to UL AWM Style 2587 and CSA AWM I A/B II A/B

<u>construction</u>	<u>technical data</u>	
flexible bare copper DIN VDE 0295 Class 5	<u>nominal voltage</u>	600V
PVC <u>insulation</u> compound UL1581	<u>test voltage</u>	6000V
nonwoven tape over the outer layer	<u>temperature</u>	<u>flexing</u> -0°C to +90°C
<u>polyester</u> tape		<u>fixed</u> -40°C to +90°C
Tinned copper screening with coverage 85% ± 5%	<u>bending radius</u>	<u>chain operation</u> 12X
nonwoven tape over the screen		
outer sheath in special PVC acc.to UL 11008 - 2587		

UL and CSA approved Control Cable especially for European and American markets. Designed for power chain application, as well for moving machine parts, for travel distances up to 10 m. In dry, damp or wet interiors. Suitable in EMC-sensitive environments, for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Only for outdoor use within the indicated operating temperature range, with UV-protection



K-PLUS 8000

Chain application, PVC insulated and sheathed control and power cable manufactured for working voltage of 300/500V.

construction	technical data	
Extra flexible bare copper DIN VDE 0295 Class 6	nominal voltage	300/500 V
PVC insulation compound TI1 acc VDE 0207	test voltage	3000 V
nonwoven tape over the outer layer	temperature	Flexing: 0°C to +70 °C
Outer jacket in PVC TM2 - CEI 20-11 and VDE 0207		Fixed installation: -40 °C to +80 °C
	bending radius	For flexible use: 8 x outer diameter
		Fixed installation: 4 x outer diameter

Designed for up to 4 million bending/unbending cycles in the power chain. Suitable for use in power chains or moving machine parts, for travel distances up to 9 m. In dry, damp or wet interiors. Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Only for outdoor use within the indicated operating temperature range, with UV-protection

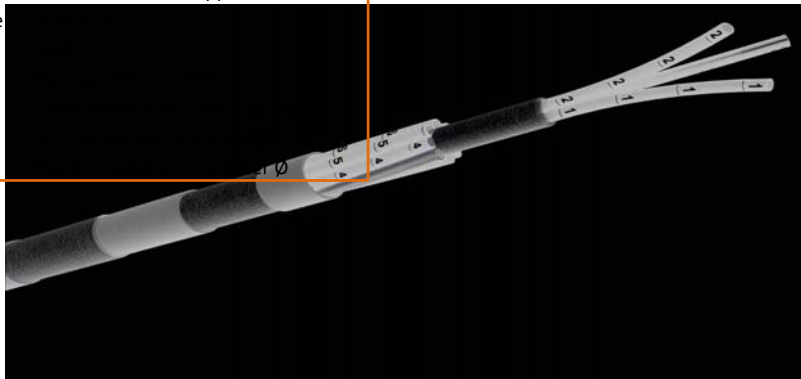


PVC PVC, class 6 conductors, drag chain power and control cable for application in drag chains for short distances, and medium speed of movements.

K-PLUS 8000 CY

EMC-compliant power supply and control cable with numbered cores. 300/500 V. Working voltage VDE certificated.

relevant data	
conductor	Extra flexible bare copper CL6
nominal voltage	
test voltage	
temperature	
bending radius	



K-PLUS 8500 CY

EMC-compliant power supply and control cable with numbered cores. 300/500 V. Working voltage VDE certificated.

relevant data	
conductor	Extra flexible bare copper CL6
nominal voltage	300/500V
test voltage	3000 V
temperature	Flexing: -0°C to +70°C
	Fixed installation: -40°C to +80°C
bending radius	For flexible use: 8 x outer Ø
	Fixed installation: 4 x outer Ø



K-PLUS 8000 UL CSA

Chain application, PVC insulated and sheathed control and power cable manufactured for working voltage of 300/500V.

construction

Extra flexible bare copper DIN VDE 0295 Class 6
 PVC insulation compound TI1 acc VDE 0207
 nonwoven tape over the outer layer
 Outer jacket in PVC **TM2** - CEI 20-11 and VDE 0207

technical data

nominal voltage	300/500 V
test voltage	3000 V
temperature	Flexing: 0°C to +90 °C Fixed installation: -40 °C to +90 °C
bending radius	For flexible use: 8 x outer diameter Fixed installation: 4 x outer diameter

Designed for up to 4 million bending/unbending cycles in the power chain.
 Suitable for use in power chains or moving machine parts, for travel distances up to 9 m. In dry, damp or wet interiors. Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Only for outdoor use within the indicated operating temperature range, with UV-protection



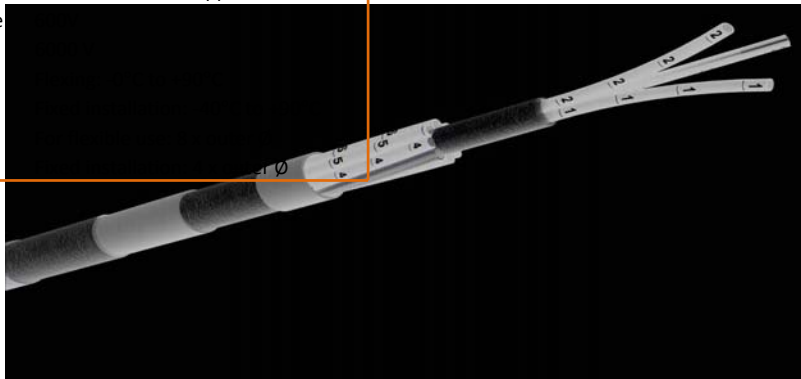
UL Recognized, PVC PVC, class 6 conductors, drag chain power and control cable for application in drag chains for short distances, and medium speed of movements.

K-PLUS 8000 CY UL CSA

EMC-compliant American and Canadian power supply and control cable with numbered cores. 300/500 V. Working voltage VDE certificated.

relevant data

conductor	Extra flexile bare copper CL6
nominal voltage	
test voltage	
temperature	
bending radius	



K-PLUS 8500 CY UL CSA

EMC-compliant American and Canadian power supply and control cable with numbered cores. 300/500 V. Working voltage VDE certificated.

relevant data

conductor	Extra flexile bare copper CL6
nominal voltage	600V
test voltage	6000 V
temperature	Flexing: -0°C to +90°C Fixed installation: -40°C to +90°C
bending radius	For flexible use: 8 x outer Ø Fixed installation: 4 x outer Ø



K-PLUS 8000 P

Chain application, PVC insulated and PUR sheathed control and power cable manufactured for working voltage of 300/500V.

construction

Extra flexible bare copper DIN VDE 0295 Class 6
 PVC insulation compound TI1 acc VDE 0207
 nonwoven tape over the outer layer
 Special PUR sheath, matt and low adhesive surface

technical data

nominal voltage 300/500 V
 test voltage 3000 V
 temperature Flexing: -5°C to +70 °C
 Fixed installation: -40 °C to +80 °C
 bending radius For flexible use: 8 x outer diameter
 Fixed installation: 4 x outer diameter

Designed for up to 6 million bending/unbending cycles in the power chain.

Suitable for use in power chains or moving machine parts, for travel distances up to 9 m. In dry, damp or wet interiors. Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Suitable for outdoor use within the indicated operating temperature range.



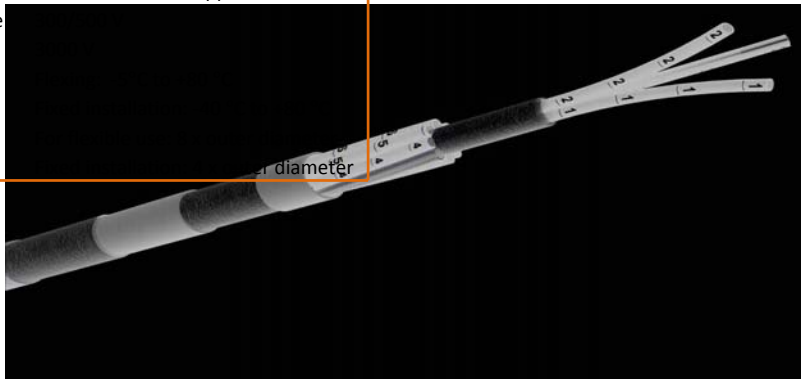
PVC PUR, class 6 conductors, drag chain power and control cable for application in drag chains for short and medium distances, and medium and high speed of movements.

K-PLUS 8000 CP

EMC-compliant power supply and control cable with PVC insulated numbered cores and PUR outer sheath. 300/500 V. Working voltage.

relevant data

conductor Extra flexible bare copper CL6
 nominal voltage
 test voltage
 temperature
 bending radius



K-PLUS 8500 CP

EMC-compliant power supply and control cable with PVC numbered cores and PUR outer-sheath. 300/500 V. Working voltage.

relevant data

conductor Extra flexible bare copper CL6
 nominal voltage 300/500 V
 test voltage 3000 V
 temperature Flexing: -5°C to +80 °C
 Fixed installation: -40 °C to +80 °C
 bending radius For flexible use: 8 x outer diameter
 Fixed installation: 4 x outer diameter



K-PLUS 8000 P UL CSA

Chain application, PVC insulated and sheathed control and power cable manufactured for working voltage of 300/500V.

construction

Extra flexible bare copper DIN VDE 0295 Class 6
 PVC insulation compound TI1 acc VDE 0207
 nonwoven tape over the outer layer
 Outer jacket in PVC **TM2** - CEI 20-11 and VDE 0207

technical data

nominal voltage	600 V
test voltage	6000 V
temperature	Flexing: -5°C to +80 °C Fixed installation: -40 °C to +80 °C
bending radius	For flexible use: 8 x outer diameter Fixed installation: 4 x outer diameter

Designed for up to 6 million bending/unbending cycles in the power chain.

Suitable for use in power chains or moving machine parts, for travel distances up to 9 m. In dry, damp or wet interiors. Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Suitable for outdoor use within the indicated operating temperature range.



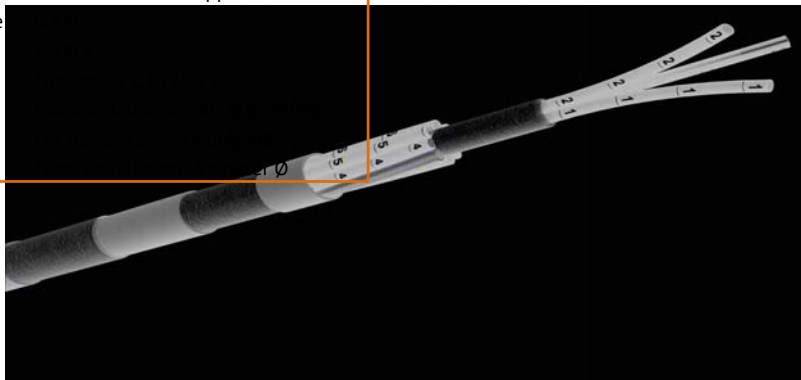
UL Recognized, PVC PUR, class 6 conductors, drag chain power and control cable for application in drag chains for short and medium distances, and medium and high speed of movements.

K-PLUS 8000 CP UL CSA

EMC-compliant American and Canadian power supply and control cable with numbered cores. 300/500 V. Working voltage VDE certificated.

relevant data

conductor	Extra flexile bare copper CL6
nominal voltage	
test voltage	
temperature	
bending radius	



K-PLUS 8500 CP UL CSA

EMC-compliant American and Canadian power supply and control cable with numbered cores. 300/500 V. Working voltage VDE certificated.

relevant data

conductor	Extra flexile bare copper CL6
nominal voltage	600V
test voltage	6000 V
temperature	Flexing: -5°C to +90°C Fixed installation: -40°C to +90°C
bending radius	For flexible use: 8 x outer Ø Fixed installation: 4 x outer Ø



K-PLUS 9000 P

Chain application, TPE insulated and PUR sheathed control and power cable manufactured for working voltage of 300/500V.

construction

Extra flexible bare copper DIN VDE 0295 Class 6
TPE polypropylene based elastomer insulation compound
nonwoven tape over the outer layer
Special PUR sheath, matt and low adhesive surface

technical data

nominal voltage	300/500 V
test voltage	3000 V
temperature	Flexing: -40°C to +80 °C Fixed installation: -50 °C to +80 °C
bending radius	For flexible use: 6 x outer diameter Fixed installation: 3 x outer diameter

Designed for up to 4 million bending/unbending cycles inside power chains. For travel distances up to 60 mt.
Suitable for use in power chains, moving machine parts, particularly in wet or oil contaminated areas of machine tools and transfer lines.
Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Suitable for outdoor use within the indicated operating temperature range.



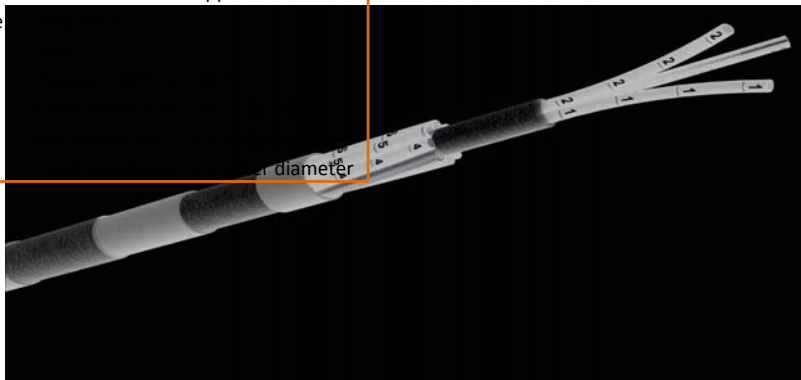
TPE PUR, class 6 conductors, drag chain power and control cable for application in drag chains for long distances, and high speed of movements.

K-PLUS 9000 CP

EMC-compliant power supply and control cable with TPE numbered cores and PUR outer-sheath. 300/500 V. Working voltage.

relevant data

conductor	Extra flexible bare copper CL6
nominal voltage	
test voltage	
temperature	
bending radius	



K-PLUS 9500 CP

EMC-compliant power supply and control cable with TPE numbered cores and PUR outer-sheath. 300/500 V. Working voltage.

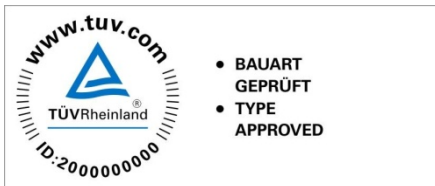
relevant data

conductor	Extra flexible bare copper CL6
nominal voltage	300/500 V
test voltage	3000 V
temperature	Flexing: -40°C to +80 °C Fixed installation: -40 °C to +80 °C
bending radius	For flexible use: 7 x outer diameter Fixed installation: 4 x outer diameter





KCINDUSTRIE



member of the TKH Group <