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KPS™ 125/110 mm 4" Secondary Containment Piping

Pipe

Conductive petrol pipes with permeation barrier and secondary containment





Article Number	Description	Remark	Ø (mm)	Length (m)
KP 125/110SCEC6	Pipe 125/110 mm, secondary contained conductive	Pipe 125 mm, primary 110 mm, 5.8 m lengths, 12 units per package	125/110	70 m
KP 125/110SCEC18	Pipe 125/110 mm, secondary contained conductive	Pipe 125 mm, primary 110 mm, 18 m lengths, 1 unit per package	125/110	18 m
KP 125/110SCEC30	Pipe 125/110 mm, secondary contained conductive	Pipe 125 mm, primary 110 mm, 30 m coil	125/110	30 m
KP 125/110SCEC50	Pipe 125/110 mm, secondary contained conductive	Pipe 125 mm, primary 110 mm, 50 m coil	125/110	50 m

Approved according to EN 14125, German standard, EN 13463-1, IP2 and ATEX 137 (directive 1999/92/EC).

Connectors used to bridge joints thereby maintaining conductivity throughout the pipe system. Patented design.



Conductive connectors for pipe joints

Article Number	Description	Remark	Ø (mm)	Pack Size
KP CC-110	Conductor 110 mm, conductive		110	24

Welding Sockets

Welding sockets for secondary containment





Article Number	Description	Remark	Ø (mm)	Pack Size
KP 2-125/110SC	Integrated welding socket 125/110 pipe, secondary contained		125/110	12
KP 2-125/110SCA	Integrated Welding Socket 125/110 pipe, 360° secondary contained.		125/110	8
KP 2-110	Welding socket 110 mm		110	10
KP 2-110R	Welding socket 110 mm, no pipe stop	Slides over the pipe	110	1

Termination Fittings







Secondary contained termination fittings

Article Number	Description	Remark	Ø (mm)	Pack Size
KP T125/110SC2A	Termination fitting 125/110 mm	With swiveling elbow test port fitting	125/110	8
KPT125/110SC2B	Termination fitting 125/110 mm	With straight test port fitting.	125/110	8
KPT125/110SC04	Termination fitting 125/110 mm	With plastic plug that seals the test port	125/110	8
KP T90025	Ball valve 1/4" for test port	For KPT model 04		1
KP T125/110B	Termination fitting 125/110 mm	No test port, for burial in soil	125/110	8

Bends, Elbows and Tees

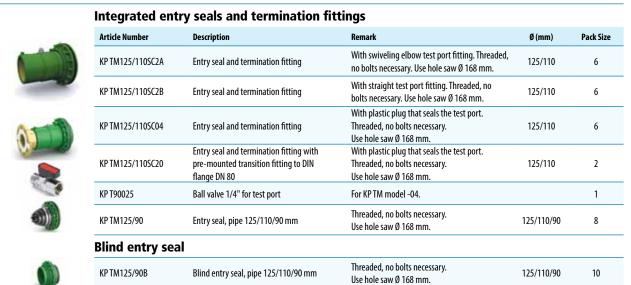
Conductive secondary contained bends and elbows with permeation barrier



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 3-125/110SCEC	Bend 90° 125/110 mm, secondary contained conductive		125/110	1
KP 33-125/110SCC	Moulded elbow 90° 125/110 mm, secondary contained conductive	Sharp radius	125/110	4
KP 4-125/110SCEC	Bend 45° 125/110 mm, secondary contained conductive		125/110	1
Conductive weldable elbows				
KP 23-110C02	Elbow 90° 110 mm, conductive	Weldable	110	5

KP 24-110C02	Elbow 45° 110 mm, conductive	Weldable	110	6
Conductive t	ee with permeation barrie	er		
KP 8-110FC03	Tee 110 mm, conductive	Equal tee	110	7

Entry Seals



Transition Fittings

Article Number	Description	Remark	Ø (mm)
KP C17-110F	Transition fitting 110 mm, steel	4" BSPT female / Rc 4"	110
KP C17-110FL	Transition fitting 50 cm stub, 110 mm, steel	4" BSPT female / Rc 4"	110
KP C17-110/90F	Transition fitting 110/90 mm, reduced, steel	3" BSPT female / Rc 3"	110/90
Male transitio	on fittings, conductive, plastic	to steel	
KP C17-110M	Transition fitting 110 mm, steel	4" BSPT male / R 4"	110
KP C17-110ML	Transition fitting 50 cm stub, 110 mm, steel	4" BSPT male / R 4"	110
KP C17-110/90M	Transition fitting 110/90 mm, reduced, steel	3" BSPT male / R 3"	110/90
Female transi	tion flange fittings, with spac	er, conductive, plastic t	o steel
KP C16-110F	Transition fitting 110 mm, steel	4" BSPT female / Rc 4"	110
KP C16-110FL	Transition fitting 50 cm stub, 110 mm, steel	4" BSPT female / Rc 4"	110
KP C16-110/90F	Transition fitting 110/90 mm, reduced, steel	3" BSPT female / Rc 3"	110/90
Male transitio	on flange fittings, with spacer,	conductive, plastic to	steel
KP C16-110M	Transition fitting 110 mm, steel	4" BSPT male / R 4"	110
KP C16-110ML	Transition fitting 50 cm stub, 110 mm, steel	4" BSPT male / R 4"	110
KP C16-110/90M	Transition fitting 110/90 mm, reduced, steel	3" BSPT male / R 3"	110/90
Conductive st	ub flanges, DIN flanges and g	askets for pipe termina	ation
KP C20-110	Stub flange, DIN flange and gasket 110 mm, steel		110
KP C20-110L	Stub flange, 50 cm stub, DIN flange and gasket 110 mm, steel		110
KP W6-110	Separate threaded DIN flange 110 mm, steel	BSPT 4" female / Rc 4"	110
KP C20-110/90	Stub flange, DIN flange and gasket 110/90 mm, steel		110
Separate flange in stail	nless steel available upon request		
Compression	transition fittings, conductive	, plastic to steel	
KP C14-110/90M	Transition fitting,110/90 mm, reduced, brass	3" BSPT male / R 3"	110

Transition Fittings (continued)

Flange fittings



Article Number	Description	Remark	Ø (mm)	Pack Size
KP F16-110MM	Flange fitting	4" BSPT male-male / R-R 4"	110	1
KP F16-110MF	Flange fitting	4" BSPT male-female / R-Rc 4"	110	1
KP F16-110FF	Flange fitting	4" BSPT female-female / Rc-Rc 4"	110	1

Pipe

KPS™ 75/63 mm 2" Secondary Containment Piping

Conductive petrol pipes with permeation barrier and secondary containment





Article Number	Description	Remark	Ø (mm)	Length (m)
KP 75/63SCEC30	Pipe 75/63 mm, secondary contained conductive	Pipe 75 mm, primary 63 mm, 30 m coil	75/63	30 m
KP 75/63SCEC60	Pipe 75/63 mm, secondary contained conductive	Pipe 75 mm, primary 63 mm, 60 m coil	75/63	60 m
KP 75/63SCEC100	Pipe 75/63 mm, secondary contained conductive	Pipe 75 mm, primary 63 mm, 100 m coil	75/63	100 m
KP 75/63SCEC6	Pipe 75/63 mm, secondary contained conductive	Pipe 75 mm, primary 63 mm, 5.8 m lengths. 35 units per package	75/63	203 m

Approved according to EN 14125, German standard, EN 13463-1, IP2 and ATEX 137 (directive 1999/92/EC).



Conductive connectors for pipe joints

KP CC-63	Conductor 63 mm, conductive	63	45
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 ${\it Connectors}\ used\ to\ bridge\ joints\ the reby\ maintaining\ conductivity\ throughout\ the\ pipe\ system.\ Patented\ design.$

Welding Sockets







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Article Number	Description	Remark	Ø (mm)	Pack Size
KP 2-75/63SC	Integrated welding socket 75/63 pipe, secondary contained		75/63	18
KP 2-75/63SCA	Integrated welding socket 75/63 pipe, 360° secondary contained		75/63	18
KP 2-63	Welding socket 63 mm		63	45
KP 2-63R	Welding socket 63 mm, no pipe stop	Slides over the pipe	63	1

Termination Fittings

Secondary contained termination fittings





Secondary contained termination fittings						
Article Number	Description	Remark	Ø (mm)	Pack Size		
KP T75/63SC2A-L	Termination fitting long, single weld 75/63 mm	With swiveling elbow test port fitting. For joining of primary pipe and termination of secondary containment.	75/63	24		
KP T75/63SC2B-L	Termination fitting long, single weld 75/63 mm	With straight test port fitting. For joining of primary pipe and termination of secondary containment.	75/63	24		
KP T75/63SC04-L	Termination fitting long, single weld 75/63 mm	With plastic plug that seals the test port. For joining of primary pipe and termination of secondary containment.	75/63	24		
KPT75/63SC2A	Termination fitting 75/63 mm	With swiveling elbow test port fitting.	75/63	36		
KP T75/63SC2B	Termination fitting 75/63 mm	With straight test port fitting.	75/63	36		
KP T75/63SC04	Termination fitting 75/63 mm	With plastic plug that seals the test port.	75/63	36		



Secondary contained termination fittings (continued)

Article Number	Description	Remark	Ø (mm)	Pack Size
KP T90025	Ball valve 1/4" for test port	For KPT model 04.		1
KP T75/63B-L	Termination fitting long 75/63 mm	No test port. For burial in soil. For joining of primary pipe and termination of secondary containment.	75/63	24
KP T75/63B	Termination fitting 75/63 mm	No test port. For burial in soil.	75/63	36

Bends, Elbows and Tees

Conductive secondary contained bends and elbows with permeation barrier



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 3-75/63SCEC	Bend 90° 75/63 mm, secondary contained conductive		75/63	1
KP 4-75/63SCEC	Bend 45° 75/63 mm, secondary contained conductive		75/63	1



Conductive secondary	contained tees with	permeation barrier
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KP 8-75/63SCEC02	Tee 75/63 mm, secondary contained conductive	Equal tee	75/63	6
KP 28-75/63SCA	Tee 75/63 mm, secondary contained conductive with pre-mounted KP 2-75/63SCA welding sockets	Equal tee, weldable	75/63	4



Conductive weldable elbows



Conductive tees with permeation barrier					
KP 24-63EC	Elbow 45° 63 mm, conductive	Weldable	63	12	
KP 23-63EC	Elbow 90° 63 mm, conductive	Weldable	63	10	

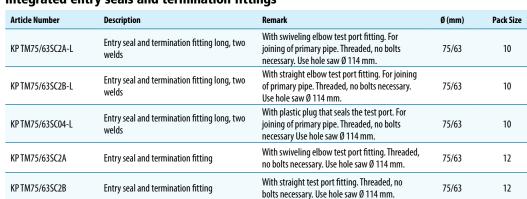
Weldable

KP 28-63EC Tee 63 mm, conductive

Entry Seals

Integrated entry seals and termination fittings











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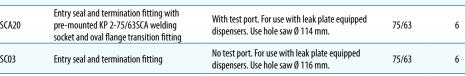
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Entry coals		
KP TM75/63SC03	Entry seal and termination fitting	
KP TM75/63SCA20	Entry seal and termination fitting witl pre-mounted KP 2-75/63SCA welding socket and oval flange transition fittin	

Entry seal and termination fitting

Ball valve 1/4" for test port

Entry seal, pipe 75/63/54 mm



114 mm.

114 mm

For KP TM model 04.

114 mm

With plastic plug that seals the test port.

Threaded, no bolts necessary. Use hole saw Ø

Threaded, no bolts necessary. Use hole saw Ø

Threaded, no bolts necessary. Use hole saw Ø







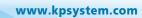
	Entry Sea
a a	KP TM75/54

KPTM75/63SC04

KP T90025

Blind entry seal	
KP TM75/54B	Blind entry seal, pipe 75/63/54 mm





75/63

75/63/54

75/63/54

12

1

8

10

10

Transition Fittings

Female transi	tion fittings, conductive, plas	tic to steel		
Article Number	Description	Remark	Ø (mm)	Pack Size
KP C17-63F	Transition fitting 63 mm, steel	2" BSPT female / Rc 2"	63	12
KP C17-63/54F	Transition fitting 63/54 mm, reduced, steel	1½" BSPT female / Rc 1½"	63/54	12
KP C17-63FL	Transition fitting 50 cm stub, 63 mm, steel	2" BSPT female / Rc 2"	63	10
KP C17-63/54FL	Transition fitting 50 cm stub, 63/54 mm, reduced, steel	1½" BSPT female / Rc 1½"	63/54	10
Male transitio	on fittings, conductive, plastic	to steel		
KP C17-63M	Transition fitting 63 mm, steel	2" BSPT male / R 2"	63	12
KP C17-63ML	Transition fitting 50 cm stub, 63 mm, steel	2" BSPT male / R 2"	63	10
KP C17-63/54ML	Transition fitting 50 cm stub, 63/54 mm, reduced, steel	1½" BSPT male / R 1½"	63/54	10
KP C17-63/25ML	Transition fitting 50 cm stub, 63/25 mm, reduced, steel	1" BSPT male / R 1"	63/25	10
Female transi	tion flange fittings, with spac	cer, conductive, plastic to st	teel	
KP C16-63F	Transition fitting 63 mm, steel	2" BSPT female / Rc 2"	63	10
KP C16-63/54F	Transition fitting 63/54 mm, reduced, steel	1½" BSPT female / Rc 1½" steel	63/54	10
KP C16-63FL	Transition fitting long 50 cm stub 63 mm, steel	2" BSPT female / Rc 2"	63	1
Male transitio	on flange fittings, with spacer	, conductive, plastic to stee	el	
KP C16-63M	Transition fitting 63 mm, steel	2" BSPT male / R 2"	63	10
KP C16-63/54M	Transition fitting 63/54 mm, reduced, steel	1½" BSPT male / R 1½"	63/54	10
KP C16-63ML	Transition fitting 50 cm stub, 63 mm, steel	2" BSPT male / R 2"	63	1
Conductive st	tub flanges, DIN flanges and g	gaskets for pipe terminatio	n	
KP C20-63	Stub flange, DIN flange and gasket 63 mm, steel		63	4
KP C20-63L	Stub flange, 50 cm stub, DIN flange and gasket 63 mm, steel		63	1
KP W6-63	Separate threaded DIN flange 63 mm, steel	BSPT 2" female / Rc 2"	63	1
Separate flange in stair	nless steel available upon request			
Compression	transition fittings, conductive	e, plastic to steel		
KP C14-63M	Transition fitting 63 mm, brass	2" BSPT male / R 2"	63	1
KP C14-63MS	Transition fitting 63 mm, stainless steel	2" BSPT male / R 2" Extended delivery time may apply.	63	1
KP C14-63/25M	Transition fitting 63/25 mm, reduced, brass	1" BSPT male / R 1"	63	1
Flange fitting	S			
KP F16-63MM	Flange fitting	2" BSPT male-male / R-R 2"		1
KP F16-63MF	Flange fitting	2" BSPT male-female / R-Rc 2"		1

Flexible Connectors and Valves

Conductive flexible connectors, union coupling



Article Number	ticle Number Description Remark		Length (mm)
KP T50-4S	Flex hose 400 mm, stainless	BSPT 2" male x 2" female union R 1" x Rc 1" union	400
KP T50-6S	Flex hose 600 mm, stainless	BSPT 2" male x 2" female union R 2" x Rc 2" union	600
KP T50-8S	Flex hose 800 mm, stainless	BSPT 2" male x 2" female union R 2" x Rc 2" union	800
KP T50-12S	Flex hose 1200 mm, stainless	BSPT 2" male x 2" female union R 2" x Rc 2" union	1200

Conductive flexible connectors, hexagon nipple type



Article Number	Description	Remark
KP TN50-4S	Flex hose 400 mm, stainless	BSPT 2" male x male / R 2" x R 2"
KP TN50-6S	Flex hose 600 mm, stainless	BSPT 2" male x male / R 2" x R 2"
Valves		
KP 14-050	Ball valve 2"	BSPT 2" female / Rc 2"
KP 15-050	Shut-off valve 2"	BSPT 2" female / Rc 2"
KP 15-050HL	Shut-off valve handle	To open and close shut-off valve from surface level.

AdBlue Fittings





Article Number	Description	Remark	Ø (mm)	Pack Size
KP C17-63FS	Transition fitting 63 mm, stainless steel	2" BSPT female / Rc 2"	63	1
KP C17-63MS	Transition fitting 63 mm, stainless steel	2" BSPT male / Rc 2"	63	1
KP C14-63MS	Transition fitting 63 mm, stainless steel	2" BSPT male / R 2"	63	1
KP C20-63S	Transition fitting 63 mm, stainless steel		63	1
Extended delivery time may apply on stainless steel fittings.				

KPS™ 40/32 mm 1-1/2" Secondary Containment Piping

Pipe

Conductive petrol pipes with permeation barrier and secondary containment



Article Number	Description	ription Remark		Length (m)
KP 40/32SCEC30	Pipe 40/32 mm, secondary contained conductive	Pipe 40 mm, primary 32 mm, 30 m coil	40/32	30 m
KP 40/32SCEC60	Pipe 40/32 mm, secondary contained conductive	Pipe 40 mm, primary 32 mm, 60 m coil	40/32	60 m
KP 40/32SCEC100	Pipe 40/32 mm, secondary contained conductive	Pipe 40 mm, primary 32 mm, 100 m coil 40/32	100 m	

Approved according to EN 14125, German standard, EN 13463-1, IP2 and ATEX 137 (directive 1999/92/EC).



Conductive connectors for pipe joints						
KP CC-32	Conductor 32 mm, conductive	32	30			
Connectors used to bridge joints thereby maintaining conductivity throughout the pipe system. Patented design.						

Welding Sockets

Welding sockets for secondary containment



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 2-63/40SC	Integrated welding socket 40/32 pipe, 36 secondary contained	50°	40/32	1
Welding sock	ets			

Termination Fittings



Secondary contained termination fittings

Article Number	Description	Remark		Pack Size
KPT40/32SC	Termination fitting 40/32 mm	With swiveling elbow test port fitting	40/32	1
KP T40/32	Termination fitting 40/32 mm	No test port	40/32	1

Bends



Conductive secondary contained bends with permeation barrier

Article Number	Description	Remark	Ø (mm)	Pack Size
KP 3-40/32SCECL	Bend 90° 40/32 mm, secondary contained conductive		40/32	1
KP 4-40/32SCECL	Bend 45° 40/32 mm,		40/32	1

Entry Seal



	KP M-40	Entry seal, pipe 40 mm	40	12
	KP M-32	Entry seal, pipe 32 mm	32	12
	KP M-25	Entry seal, pipe 25 mm	25	12

Transition Fittings

Female transition fittings, conductive, plastic to steel







•	<u> </u>			
KP C14-32M	Transition fitting 32 mm, brass	1¼" BSPT male / R 1¼"	32	2
KP C14-32MS	Transition fitting 32 mm, stainless steel	1¼" BSPT male / R 1¼"	32	1



Transition compression PRK fittings, plastic to steel

KP PRK-32M	PRK fitting 32 mm, steel	1¼" BSPT male / R 1¼"	32	1
KP PRK-32MR	PRK fitting 32/25 mm, reduced, steel	1¼" BSPT male / R 1¼"	32	1

Flexible Connectors and Valves

Conductive flexible connectors, union coupling



Article Number Description		Remark	Length (mm)
KP T25-10S	Flex hose 1000 mm, stainless	BSPT 1" male x 1" female union / R 1" x Rc 1" union	1000
KP T25-13S	Flex hose 1300 mm, stainless	BSPT 1" male x 1" female union / R 1" x Rc 1" union	1300



	<i>c</i>				
Conductive	TIAVINIA	CONNACTORS	hovadon	ninnia	tyna
 Colladelive	IICAIDIC	COILLICCTOLS.	HICAGGOII		LVDC

Conductive	Conductive flexible connectors, nexagon nipple type						
KP TN25-6S	Flex hose 600 mm, stainless	BSPT 1" male x male / R 1" x R 1"	600				
KP TN25-13S	Flex hose 1300 mm, stainless	BSPT 1" male x male / R 1" x R 1"	1300				
Valve	Valve						
KP 14-025	Ball valve 1"	BSPT 1" female / Rc 1"	1				

AdBlue Fittings



Article Number	Description	Remark	Ø (mm)	Pack Size
KP C17-32FS	Transition fitting 32 mm, stainless steel	1" BSPT female / Rc 1"	32	1
KP C14-32MS	Transition fitting 32 mm, stainless steel	1" BSPT male / R 1"	32	1
Extended delivery time may apply on stainless steel fittings.				

Pipe

KPS™ 110 mm 4" Primary Piping

Conductive petrol pipes with permeation barrier



Article Number	Description	Remark	Ø (mm)	Length (m)
KP 110EC6	Pipe 110 mm, conductive	Pipe 110 mm, 5.8 m lengths. 20 units / package	110	116 m
KP 110EC18	Pipe 110 mm, conductive	Pipe 110 mm, 18 m lengths. 1 unit / package	110	18 m
KP 110EC30 Pipe 110 mm, conductive		Pipe 110 mm, 30 m coil.	110	30 m



Approved according to EN 14125, German standard, EN 13463-1, IP2 and ATEX 137 (directive 1999/92/EC).

Conductive connectors for pipe joints



KP CC-110 Conductor 110 mm, conductive 110 24 Connectors used to bridge joints thereby maintaining conductivity throughout the pipe system. Patented design.

Welding Sockets



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 2-110	Welding socket 110 mm		110	10
KP 2-110R	Welding socket 110 mm, no pipe stop	Slides over the pipe	110	1

Bends, Elbows and Tees

Conductive formed bends and elbows with permeation barrier



Article Number	Description	Remark	Ø (mm)	Pack Size	
KP 3-110FC	Bend 90° 110 mm, conductive		110	1	
KP 3-110FCL	Bend 90° 110 mm, conductive, long type	45 cm extra length	110	1	
KP 4-110FC	Bend 45° 110 mm, conductive		110	1	
Conductive weldable elbows					



KP 23-110C02	Elbow 90° 110 mm, conductive	Weldable	110	5
KP 24-110C02	Elbow 45° 110 mm, conductive	Weldable	110	6



Conductive to	onductive tee with permeation barrier			
KP 8-110FC03	Tee 110 mm, conductive	Equal tee	110	7

Entry Seals



Article Number	Description	Remark	Ø (mm)	Pack Size
KP TM125/90	Entry seal, pipe 125/110/90 mm	Threaded, no bolts necessary. Use hole saw Ø 168 mm.	125/110/90	8
KP M160/90	Entry seal, pipe 160 to 90 mm	Use hole saw Ø 168 mm.	160/125/110/90	6
Blind entry seal				
KP TM125/90B	Blind entry seal, pipe 125/110/90 mm	Threaded, no bolts necessary. Use hole saw Ø 168 mm.	125/110/90	10

Transition Fittings

Article Number	Description	Remark	Ø (mm)	Pacl
KP C17-110F	Transition fitting 110 mm, steel	4" BSPT female / Rc 4"	110	4
KP C17-110FL	Transition fitting 50 cm stub, 110 mm, steel	4" BSPT female / Rc 4"	110	
KP C17-110/90F	Transition fitting 110/90 mm, reduced, steel	3" BSPT female / Rc 3"	110/90	
Male transitio	on fittings, conductive, plastic	to steel		
KP C17-110M	Transition fitting 110 mm, steel	4" BSPT male / R 4"	110	
KP C17-110ML	Transition fitting 50 cm stub, 110 mm, steel	4" BSPT male / R 4"	110	
KP C17-110/90M	Transition fitting 110/90 mm, reduced, steel	3" BSPT male / R 3"	110/90	
Female transi	tion flange fittings, with spac	er, conductive, plastic to	steel	
KP C16-110F	Transition fitting 110 mm, steel	4" BSPT female / Rc 4"	110	
KP C16-110FL	Transition fitting 50 cm stub, 110 mm, steel	4" BSPT female / Rc 4"	110	
KP C16-110/90F	Transition fitting 110/90 mm, reduced, steel	3" BSPT female / Rc 3"	110/90	
Male transitio	on flange fittings, with spacer	, conductive, plastic to ste	el	
KP C16-110M	Transition fitting 110 mm, steel	4" BSPT male / R 4"	110	
KP C16-110ML	Transition fitting 50 cm stub, 110 mm, steel	4" BSPT male / R 4"	110	
KP C16-110/90M	Transition fitting 110/90 mm, reduced, steel	3" BSPT male / R 3"	110/90	
Conductive st	ub flanges, DIN flanges and g	askets for pipe terminati	on	
KP C20-110	Stub flange, DIN flange and gasket 110 mm, steel		110	;
KP C20-110L	Stub flange, 50 cm stub, DIN flange and gasket 110 mm, steel		110	
KP W6-110	Separate threaded DIN flange 110 mm, steel	BSPT 4" female / Rc 4"	110	
C20-110/90	Stub flange, DIN flange and gasket 110/90 mm, steel		110	
Separate flange in stair	nless steel available upon request			
Compression	transition fittings, conductive	, plastic to steel		
KP C14-110/90M	Transition fitting,110/90 mm, reduced, brass	3" BSPT male / R 3"	110	
Flange fitting	s			
KP F16-110MM	Flange fitting	4" BSPT male-male / R-R 4"		
KP F16-110MF	Flange fitting	4" BSPT male-female / R-Rc 4"		
KP F16-110FF	Flange fitting	4" BSPT female-female / Rc-Rc 4"		

Pipe

KPS™ 90 mm 3" Primary Piping



Conductive petrol pipes with permeation barrier



	Article Number	Description	Remark	Ø (mm)	Length (m)
ı	KP 90EC6	Pipe 90 mm, conductive	Pipe 90 mm, 5.8 m lengths. 24 units / package	90	139 m
	KP 90EC18	Pipe 90 mm, conductive	Pipe 90 mm, 18 m lengths. 1 unit / package	90	18 m
	KP 90EC30 Pipe 90 mm, conductive Pi		Pipe 90 mm, 30 m coil.	90	30 m
	Approved according to EN 14125, German standard, EN 13463-1, IP2 and ATEX 137 (directive 1999/92/EC).				



Conductive connectors for pipe joints

KP CC-90	Conductor 90 mm, conductive	Pack size, 36	90	30	

Connectors used to bridge joints thereby maintaining conductivity throughout the pipe system. Patented design.

Welding Sockets



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 2-90	Welding socket 90 mm		90	18
KP 2-90R	Welding socket 90 mm, no pipe stop	Slides over the pipe	90	1

Bends, Elbows and Tees

Conductive formed bends and elbows with permeation barrier

Reducer 90/63 mm, moulded, conductive



Article Number	Description	Remark	Ø (mm)	Pack Size		
KP 3-90FC	Bend 90° 90 mm, conductive		90	1		
KP 3-90FCL	Bend 90° 90 mm, conductive, long type	44 cm extra length	90	1		
KP 4-90FC	Bend 45° 90 mm, conductive		90	1		
Conductive weldable elbows						
KP 23-90C02	Elbow 90° 90 mm, conductive	Weldable	90	8		



KP 9-90/63EC

KP 24-90C02	Elbow 45° 90 mm, conductive	Weldable	90	10		
Conductive tee with permeation barrier						
KP 8-90FC03	Tee 90 mm, conductive	Equal tee	90	10		
Conductive reducers						

90/63

24

Entry Seals









Threaded, no bolts necessary. KPTM125/90B Blind entry seal, pipe 125/110/90 mm 125/110/90 10 Use hole saw Ø 168 mm.

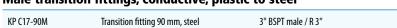
Transition Fittings

Female transition fittings, conductive, plastic to steel





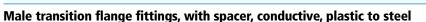




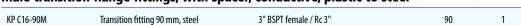


remaie transition flange fittings, with spacer, conductive, plastic to steel						
	VD C16 OOE	Transition fitting 00 mm stool	2" DCDT famala / Dc 2"	00	1	



















Separate flange in stainless steel available upon request Compression transition fittings, conductive, plastic to steel

Transition fitting 90 mm, brass



5

90



Flange fittings



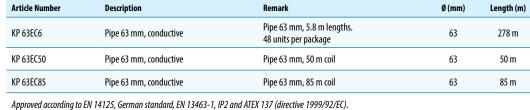
	Article Number	Description	Remark	Ø (mm)	Pack Size
	KP F16-90MM	Flange fitting	3"BSPT male-male / R-R 3"		1
1	KP F16-90MF	Flange fitting	3"BSPT male-female / R-Rc 3"		1
	KP F16-90FF	Flange fitting	3"BSPT female-female / Rc-Rc 3"		1

Pipe

KPS™ 63 mm 2" Primary Piping









Conductive connectors for pipe joints

Conductive	Conductive connectors for pipe joints				
KP CC-63	Conductor 63 mm, conductive	63	45		
Connectors used to	hridge inject thereby maintaining conductivity throughout the nine system. Batented decian				

Welding Sockets



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 2-63	Welding socket 63 mm		63	45
KP 2-63R	Welding socket 63 mm, no pipe stop	Slides over the pipe	63	1

Bends, Elbows and Tees

Conductive formed bends and elbows with permeation barrier



	Article Number	Description	Remark	Ø (mm)	Pack Size
•	KP 3-63FC	Bend 90° 63 mm, conductive		63	8
	KP 3-63FCL	Bend 90° 63 mm, conductive, long type	50 cm extra length	63	1
	KP 4-63FC	Bend 45° 63 mm, conductive		63	20

Conductive weldable elbows KP 23-63FC Flbow 90° 63 mm, co

Ç	KP 23-63EC	Elbow 90° 63 mm, conductive	Weldable	63	10
	KP 24-63EC	Elbow 45° 63 mm, conductive	Weldable	63	12



Conductive tee with permeation barrier
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KP 28-63EC	Tee 63 mm, conductive	Weldable	63	10
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Entry Seals



Article Number	Description	Remark	Ø (mm)	Pack Size
KP TM75/54	Entry seal, pipe 75/63/54 mm	Threaded, no bolts necessary. Use hole saw Ø 114 mm.	75/63/54	8
KP M75/54	Entry seal, pipe 75 to 54 mm	Use hole saw Ø 92 mm.	75/63/54	15
KP TM63-B	Entry seal, pipe 63 mm	Use hole saw Ø 114 mm.	63	8

Blind entry seal



Article Number	Description	Remark	Ø (mm)	Pack Size
KP TM75/54B	Blind entry seal, pipe 75/63/54 mm	Threaded, no bolts necessary. Use hole saw Ø 114 mm.	75/63/54	10

Transition Fittings

Female transi	tion fittings, conductive, plas	tic to steel		
Article Number	Description	Remark	Ø (mm)	Pack Siz
KP C17-63F	Transition fitting 63 mm, steel	2" BSPT female / Rc 2"	63	12
KP C17-63/54F	Transition fitting 63/54 mm, reduced, steel	1½" BSPT female / Rc 1½"	63/54	12
KP C17-63FL	Transition fitting 50 cm stub, 63 mm, steel	2" BSPT female / Rc 2"	63	10
KP C17-63/54FL	Transition fitting 50 cm stub, 63/54 mm, reduced, steel	1½" BSPT female / Rc 1½"	63/54	10
Male transitio	on fittings, conductive, plastic	to steel		
KP C17-63M	Transition fitting 63 mm, steel	2" BSPT male / R 2"	63	12
KP C17-63ML	Transition fitting 50 cm stub, 63 mm, steel	2" BSPT male / R 2"	63	10
KP C17-63/54ML	Transition fitting 50 cm stub, 63/54 mm, reduced, steel	1½" BSPT male / R 1½"	63/54	10
Female transi	tion flange fittings, with spac	cer, conductive, plastic to s	teel	
KP C16-63F	Transition fitting 63 mm, steel	2" BSPT female / Rc 2"	63	10
KP C16-63/54F	Transition fitting 63/54 mm, reduced, steel	1½" BSPT female / Rc 1½" steel	63/54	10
KP C16-63FL	Transition fitting 50 cm stub 63 mm, steel	2" BSPT female / Rc 2"	63	1
Male transitio	on flange fittings, with space	, conductive, plastic to ste	el	
KP C16-63M	Transition fitting 63 mm, steel	2" BSPT male / R 2"	63	10
KP C16-63/54M	Transition fitting 63/54 mm, reduced, steel	1½" BSPT male / R 1½"	63/54	10
KP C16-63ML	Transition fitting 50 cm stub, 63 mm, steel	2" BSPT male / R 2"	63	1
Conductive st	ub flanges, DIN flanges and g	gaskets for pipe terminatio	n	
KP C20-63	Stub flange, DIN flange and gasket 63 mm, steel		63	4
KP C20-63L	Stub flange, 50 cm stub, DIN flange and gasket 63 mm, steel		63	1
KP W6-63	Separate threaded DIN flange 63 mm, steel	BSPT 2" female / Rc 2"	63	1
Separate flange in stair	nless steel available upon request			
Compression	transition fittings, conductive	e, plastic to steel		
KP C14-63M	Transition fitting 63 mm, brass	2" BSPT male / R 2"	63	1
KP C14-63MS	Transition fitting 63 mm, stainless steel	2" BSPT male / R 2" Extended delivery time may apply.	63	1
KP C14-63/54M	Transition fitting 63/54 mm, reduced, brass	1½" BSPT male / R 1½"	63	1
KP C14-63/25M	Transition fitting 63/25 mm, reduced, brass	1" BSPT male / R 1"	63	1
Flange fitting	S			
KP F16-63MM	Flange fitting	2" BSPT male-male / R-R 2"		1
KP F16-63MF	Flange fitting	2" BSPT male-female / R-Rc 2"		1
KP F16-63FF	Flange fitting	2" BSPT female-female / Rc-Rc 2"		1

Flexible Connectors and Valves





Article Number	Description	Remark	Length (mm)
KP T50-4S	Flex hose 400 mm, stainless	BSPT 2" male x 2" female union R 2" x Rc 2" union	400
KP T50-6S	Flex hose 600 mm, stainless	BSPT 2" male x 2" female union R 2" x Rc 2" union	600
KP T50-8S	Flex hose 800 mm, stainless	BSPT 2" male x 2" female union R 2" x Rc 2" union	800
KP T50-12S	Flex hose 1200 mm, stainless	BSPT 2" male x 2" female union R 2" x Rc 2" union	1200



NI 130-123	Tiex nose 1200 mm, stainless	DSF12 IIIale X2 Telliale ullion 112 X NC2 ullion	1200
Conductive 1	flexible connectors, hexago	on nipple type	
KP TN50-4S	Flex hose 400 mm, stainless	BSPT 2" male x male / R 2" x R 2"	400
KPTN50-6S	Flex hose 600 mm, stainless	BSPT 2" male x male / R 2" x R 2"	600
Valves			
KP 14-050	Ball valve 2"	BSPT 2" female / Rc 2"	1
KP 15-050	Shut-off valve 2"	BSPT 2" female / Rc 2"	1
KP 15-050HL	Shut-off valve handle	To open and close shut-off valve from surface level.	1

AdBlue Fittings



Article Number	Description	Remark	Ø (mm)	Pack Size
KP C14-63MS	Transition fitting 63 mm, stainless steel	2" BSPT male / R 2"	63	1
Extended delivery time	may apply on stainless steel fittings.			

Pipe

KPS™ 54 mm 1-1/2" Primary Piping

Conductive petrol pipes with permeation barrier



ı	Article Number	Description	Remark	Ø (mm)	Length (m)
١	KP 54EC6	Pipe 54 mm, conductive	Pipe 54 mm, 5.8 m lengths. 60 units per package	54	348 m
	KP 54EC50	Pipe 54 mm, conductive	Pipe 54 mm, 50 m coil	54	50 m
	KP 54EC100	Pipe 54 mm, conductive	Pipe 54 mm, 100 m coil	54	100 m
	Annroved according to FN 1				



Conductive	onductive connectors for pipe joints			
KP CC-54	Conductor 54 mm, conductive	54	50	
Connectors used to	····			

Welding Sockets



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 2-54	Welding socket 54 mm		54	40
KP 2-54R	Welding socket 54 mm, no pipe stop	Slides over the pipe	54	1

Bends, Elbows and Tees

Conductive formed bends and elbows with permeation barrier



	Article Number	Description	Remark	Ø (mm)	Pack Size	
j	KP 3-54FC	Bend 90° 54 mm, conductive		54	10	
	KP 3-54FCL	Bend 90° 54 mm, conductive, long type	48 cm extra length	54	1	
	KP 4-54FC	Bend 45° 54 mm, conductive		54	20	
	Conductive tee with permeation barrier					
	KP 8-54FC02	Tee 54 mm, conductive	Equal tee	54	18	

Entry Seals





Article Number	Description	Remark	Ø (mm)	Pack Size	
KP TM75/54	Entry seal, pipe 75/63/54 mm	Threaded, no bolts necessary. Use hole saw Ø 114 mm.	75/63/54	8	
KP M75/54	Entry seal, pipe 75 to 54 mm	Use hole saw Ø 92 mm.	75/63/54	15	
Blind entry seal					
KPTM75/54B	Blind entry seal, pipe 75/63/54 mm	Threaded, no bolts necessary.	75/63/54	10	



Transition Fittings

Female trans	sition fittings, conductive, plas	tic to steel		
Article Number	Description	Remark	Ø (mm)	Pack Size
KP C17-54F	Transition fitting 54 mm, steel	1½" BSPT female / Rc 1½"	54	15
Male transit	ion fittings, conductive, plastic	to steel		
KP C17-54M	Transition fitting 54 mm, steel	1½" BSPT male / R ½"	54	15
Female tran	sition flange fittings, with spa	cer, conductive, plastic to s	teel	
KP C16-54F	Transition fitting 54 mm, steel	1½" BSPT female / Rc 1½"	54	10
Male transit	ion flange fittings, with space	r, conductive, plastic to stee	el	
KP C16-54M	Transition fitting 54 mm, steel	1½" BSPT male / R 1½"	54	10
Conductive :	stub flanges, DIN flanges and g	gaskets for pipe terminatio	n	
KP C20-54	Stub flange, DIN flange and gasket 54 mm, steel		54	4
KP W6-54	Separate threaded DIN flange 54 mm, steel	BSPT 1½" female / Rc 1½"	54	1
Separate flange in st	ainless steel available upon request			
Compressio	n transition fittings, conductive	e, plastic to steel		
KP C14-54M	Transition fitting 54 mm, brass	1½" BSPT male / R 1½"	54	1
Flange fittin	gs			
KP F16-54MM	Flange fitting	1½" BSPT male-male / R-R 1½"		1
KP F16-54MF	Flange fitting	1½" BSPT male-female / R-Rc 1½"		1
KP F16-54FF	Flange fitting	1½" BSPT female-female / Rc-Rc 1½"		1

Flexible Connectors and Valves

Conductive flexible connectors, union coupling Article Number Description Rem



Article Number	vescription	Kemark	Lengtn (mm)		
KP T40-4S	Flex hose 400 mm, stainless	BSPT 1½" male x 1½" female union R 1½" x Rc 1½" union	400		
KP T40-6S	Flex hose 600 mm, stainless	BSPT 1½" male x 1½" female union R 1½" x Rc 1½" union	600		
KP T40-13S	Flex hose 1300 mm, stainless	BSPT 1½" male x 1½" female union R 1" x Rc 1" union	1300		
Conductive flexible connectors, hexagon nipple type					



		· · · · · · · · · · · · · · · · · · ·	1	
	KP TN40-3S	Flex hose 300 mm, stainless	BSPT 1½" male x male / R 1½" x R 1½"	300
į.	KP TN40-4S	Flex hose 400 mm, stainless	BSPT 1½" male x male / R 1½" x R 1½"	400
	KP TN40-6S	Flex hose 600 mm, stainless	BSPT 1½" male x male / R 1½" x R 1½"	600
	KP TN40-10S	Flex hose 1000 mm, stainless	BSPT 1½" male x male / R 1½" x R 1½"	1000
	KP TN40-13S	Flex hose 1300 mm, stainless	BSPT 1½" male x male / R 1½" x R 1½"	1300
	Valves			
	KP 14-040	Ball valve 1½"	BSPT 1½" female / Rc 1½"	1



Pipe

KPS™ 32 mm 1" Primary Piping

Conductive petrol pipes with permeation barrier



Article Number	Description	Remark	Ø (mm)	Length (m)
KP 32EC50	Pipe 32 mm, conductive	Pipe 32 mm, 50 m coil	32	50 m
KP 32EC100	Pipe 32 mm, conductive	Pipe 32 mm, 100 m coil	32	100 m
KP 32EC200	Pipe 32 mm, conductive	Pipe 32 mm, 200 m coil	32	200 m
Approved according to EN 14125, German standard, EN 13463-1, IP2 and ATEX 137 (directive 1999/92/EC).				



Conductive connectors for pipe joints

KP CC-32 Conductor 32 mm, conductive	32	30
	J.L	

Connectors used to bridge joints thereby maintaining conductivity throughout the pipe system. Patented design.

Welding Sockets



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 2-32	Welding Socket 32mm	Only for electrical conduit 75mm	32	1

Entry Seals

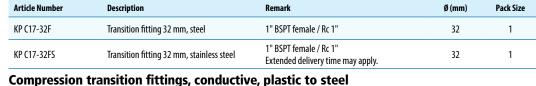


Article Number	Description	Remark	Ø (mm)	Pack Size
KPTM32/15	Entry seal, pipe 32/20/15 mm	Threaded, no bolts necessary. Use hole saw Ø 168 mm.	32/20/15	8
KP M50-32	Entry seal, pipe 32 mm		32	1

Transition Fittings

Female transition fittings, conductive, plastic to steel







		• •		
KP C14-32M	Transition fitting 32 mm, brass	1¼" BSPT male / R 1¼"	32	2
KP C14-32MS	Transition fitting 32 mm, stainless steel	1¼" BSPT male / R 1¼"	32	1



Transition comp	ression PRK fittings, plastic	to steel		
KP PRK-32M	PRK fitting 32 mm, steel	1¼" BSPT male / R 1¼"	32	1
KP PRK-32MR	PRK fitting 32/25 mm, reduced, steel	1¼" BSPT male / R 1¼"	32	1

Flexible Connectors and Valves



Conductive flexible connectors, union coupling

Article Number	Description	Remark	Length (mm)
KP T25-10S	Flex hose 1000 mm, stainless	BSPT 1" male x 1" female union / R 1" x Rc 1" union	1000
KP T25-13S	Flex hose 1300 mm, stainless	BSPT 1" male x 1" female union / R 1" x Rc 1" union	1300



Conductive flexible connectors, hexagon nipple type

Ball valve 1"

Valve			
KP TN25-13S	Flex hose 1300 mm, stainless	BSPT 1" male x male / R 1" x R 1"	1300
KP TN25-6S	Flex hose 600 mm, stainless	BSPT 1" male x male / R 1" x R 1"	600

BSPT 1" female / Rc 1"



KP 14-025

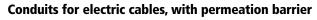
AdBlue Fittings



Article Number	Description	Remark	Ø (mm)	Pack Size
KP C17-32FS	Transition fitting 32 mm, stainless steel	1" BSPT female / Rc 1"	32	1
KP C14-32MS	Transition fitting 32 mm, stainless steel	1" BSPT male / R 1"	32	1
Extended delivery time may apply on stainless steel fittings.				

Conduits

KPS™ Conduits





Article Number	Description	Remark	Ø (mm)	Length (m)
KP 75EL100	Electrical conduit 75 mm	Pipe 75 mm, 100 m coil with permeation barrier	75	100 m
KP 32EL200	Electrical conduit 32 mm	Pipe 32 mm, 200 m coil with permeation barrier	32	200 m

Welding Sockets



	Article Number	Description	Remark	Ø (mm)	Pack Size
١	KP 2-75	Welding socket 75 mm	ONLY for electrical conduit 75 mm.	75	36
J	KP 2-32	Welding socket 32 mm		32	1

Elbows

Conduits for electric cables, with permeation barrier



Article Number	Description	Remark	Ø (mm)	Pack Size
KP 3-75	Elbow 90° 75 mm, moulded	For electrical conduits only	75	8
KP 3-32	Elbow 90° 32 mm, moulded	For electrical conduits only	32	20

KPS™ Tools and Equipment

KPS Welding Equipment

Welding equipment



	Article Number	Description	Remark	Pack Size
5	KP 108B	Welding machine, 230V	Includes box and cables	1
	KP 318	Welding kit	Including KP 108, 5 x KP 1001 and 6 x KP 409.	1

Welding fixtures



KP 1001	Welding fixture, double clamp	For 40—125 mm pipes	1
KP 409	Welding fixture, single clamp	For 40–125 mm pipes	1





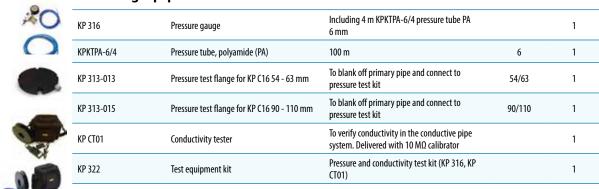


Spare welding cables				
KP 10802	Connection cable, for 2 mm pin, 800 mm	ORANGE for machine KP 108	2	1
KP 10803	Connection cable, for 4 mm pin, 800 mm	GREY for machine KP 108	4	1
KP 10804	Jumper cable, serial, for 2 mm pins, 600 mm	For welding in series	2	1

Pipe Installation Tools and Equipment

		Pipe Installation	on Tools		
		Article Number	Description	Remark Ø (mm)	Pack Size
		KP 505	Scraper	To remove PE oxide from pipes before welding	1
	1300	KP RTC160	Pipe scraper for pipes 50—160 mm	To remove PE oxide from pipes before welding	1
	1	KP RTC315	Pipe scraper for pipes 75–315 mm	To remove PE oxide from pipes before welding	1
		KP 475	Pipe cutter 50–127 mm	Rotating pipe cutter including a deburring knife 50–127 n	nm 1
	1	KP 474	Pipe cutter 6–67 mm	Rotating pipe cutter 6–67 mi	n 1
	00	KP 4750	Cutting wheels for KP 475	Contains 2 pcs	1
		KP 4740	Cutting wheels for KP 474	Contains 1 pce	1
		KP 400	Pipe scissors 63 mm	For pipes up to 63 mm 0–63 mm	n 1
		KP 4751	Deburring knife		1
	S. S.	KP 319	Pipe cutter/ Scissor kit	Includes KP 400, KP 475 and KP 505	1
	anal	KP SB-01	Sandbags	To keep pipes in place during installation and for separation of crossing pipes	100
	-	KP PEN	Pipe marking pen, silver		1
-	1 Hall	KP PASTE	Copper paste 100 ml		1
		KP 490	Pipe support tripod	Complete "working table" to fixate pipe	1
/ `	4110	KP UC-01	Uncoiling equipment for pipe coils	Fits on a pallet when not mounted	1
	W	KP ID TIE	Cable tie marking strap	Tie around pipe for marking. Text: "KPS Conductive"	100
	S. A.	KP 300	Installation kit	Incl. KP 318, KP 319, KP 322, KP 901 and KP LP01 The complet KPS welding kit with welding machine, fixtures, pipe scissors, rotating cutter, scraper, pressure test kit, conductive tester and laser pointer	1
	6	KP 900	Kit box	550 x 362 x 300 mm	1
		KP 901	Kit box	765 x 362 x 300 mm	1
	2	KP TMS-1	Entry seal tool, 75/63	Spanner for threaded entry seals	1
		KP TMS-2	Entry seal tool, 125/110	Spanner for threaded entry seals	1
		KP LP01	Laser pointer	For quick and correct positioning of entry seals	1

KPS Testing Equipment







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Components and products to protect the environment and the consumer at retail fueling sites for conventional and alternative fuels.

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Components and systems for use on Tank Trucks and Rail Tank Cars to ensure the safe handling, loading, transport and unloading of hazardous bulk products, including: petroleum, chemical and dry bulk cargo.