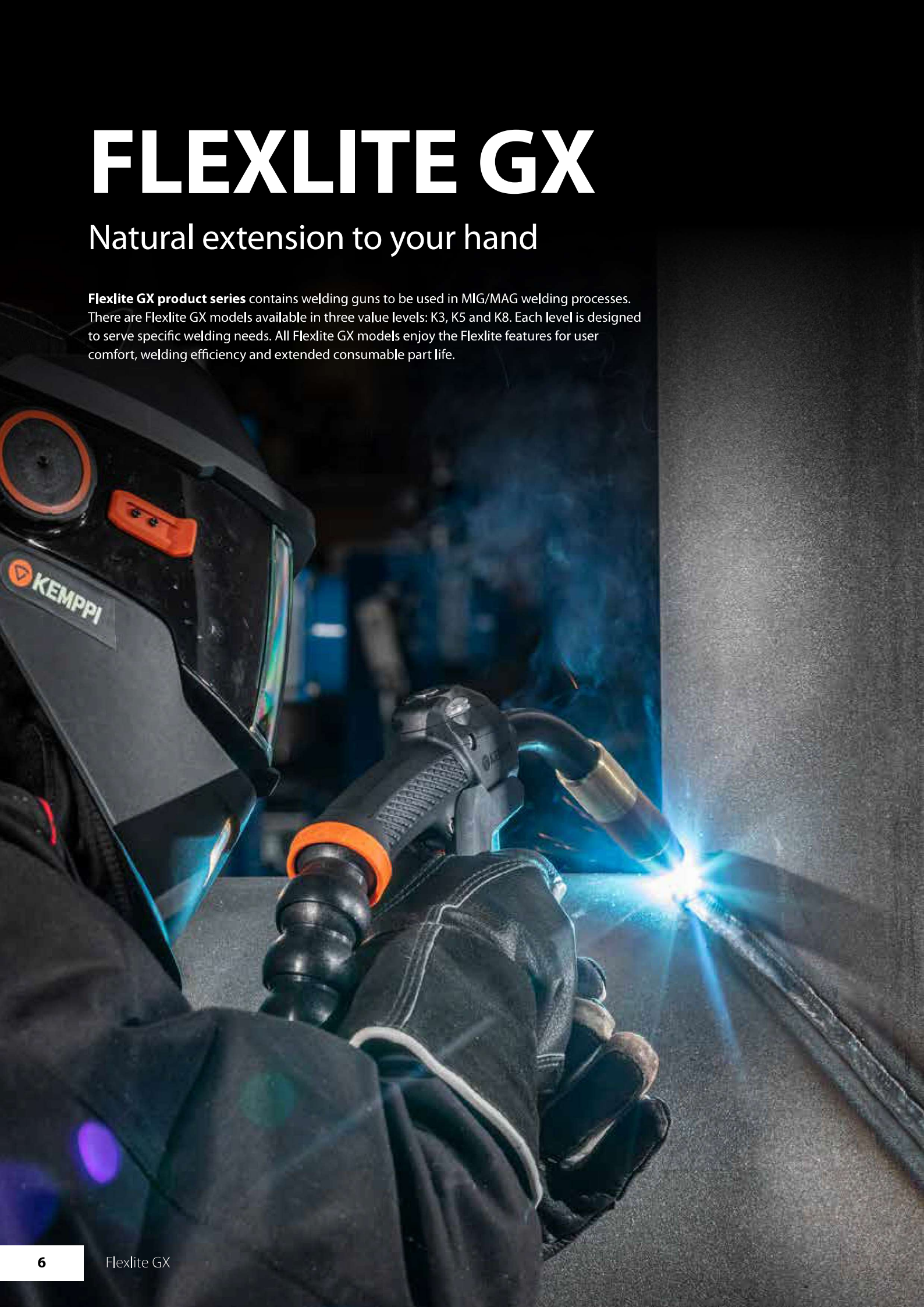
FLEXLITE GX

Natural extension to your hand

Flexlite GX product series contains welding guns to be used in MIG/MAG welding processes. There are Flexlite GX models available in three value levels: K3, K5 and K8. Each level is designed to serve specific welding needs. All Flexlite GX models enjoy the Flexlite features for user comfort, welding efficiency and extended consumable part life.



Flexlite GX guns for MIG/MAG welding

Kemppi's Flexlite GX guns for MIG/MAG welding increase user comfort and welding productivity. Their innovative production methods, high quality materials and strict quality control guarantee that you can rely 100 % on your Flexlite GX welding gun.

The pistol grip handle, anatomically designed shape and excellent balance reduce wrist loading, allowing the welder to concentrate on challenging tasks to achieve the perfect weld. This has a good effect on both quality and productivity.

If you calculate the total cost of ownership for a Flexlite GX welding gun, you will see that it stands out for its long-life consumables, for its efficiency and good ergonomics, and that it clearly improves your overall welding productivity.

The Flexlite GX welding guns are available in alternative power classes and lengths, including different neck versions.

EXCELLENT ERGONOMICS

Lower fatigue has a positive effect on welder's work and results in better quality and efficiency.

EFFICIENT WELDING

High-performance torch uses the power source capacity efficiently and helps you create smooth and spatter-free welds.

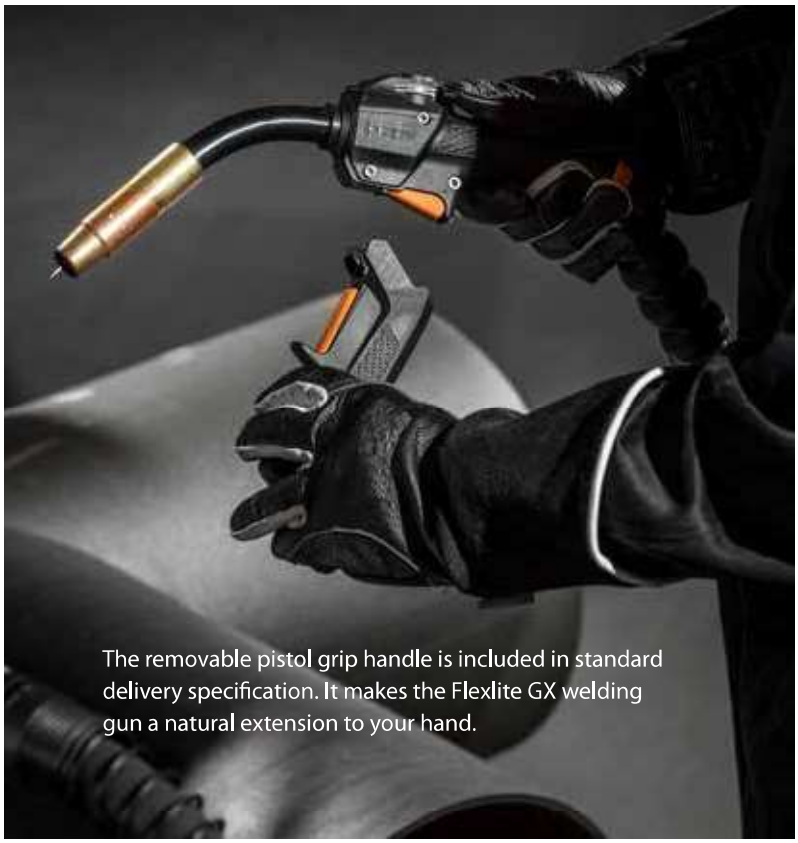
LONG CONSUMABLE LIFE

Reliable and durable Kemppi consumable parts support welding quality and productivity.

Manual welding is heavy physical work, which requires you to stay very alert for long periods of time. It helps if your tools have special features that reduce work fatigue – and the Flexlite GX welding guns match this description perfectly.

When it comes to usability, you know Flexlite GX makes a great choice!

Flexlite GX welding guns feature impressive shape and balance. Flexible cable sets and ball-jointed cable protection reduce wrist loading, so that you can really feel the difference. This lowers the welder fatigue and leads to increased work quality and efficiency.



The removable pistol grip handle is included in standard delivery specification. It makes the Flexlite GX welding gun a natural extension to your hand.

The ball-jointed cable protection is very flexible, reducing wrist loading and allowing steady and reliable wire feed in all situations.

Every welder has a unique handwriting. It is of great significance, what kind of torch you are holding when filling the seam. Flexlite is the right instrument for every skilled welding professional. It helps you create a handwriting that stands out for its quality.

Innovative design is reflected in weld quality and welding efficiency

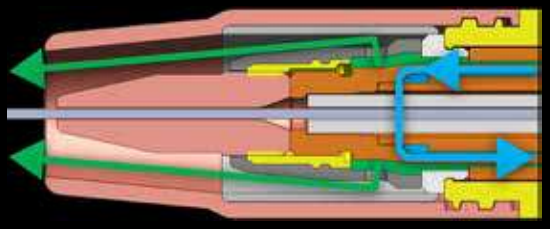
Flexlite GX models feature lower gun neck and contact tip temperatures. This has been achieved with a new, innovative gun neck structure, where the cooling channels run closer to the main consumables, and they are separated from the shielding gas channels.

Together with high quality consumable parts, this feature elevates welding efficiency and improves the welding quality. It also extends the lifetime of consumable parts, leading to easier spare part management and savings in consumable costs.

35 % COOLER THAN OTHERS

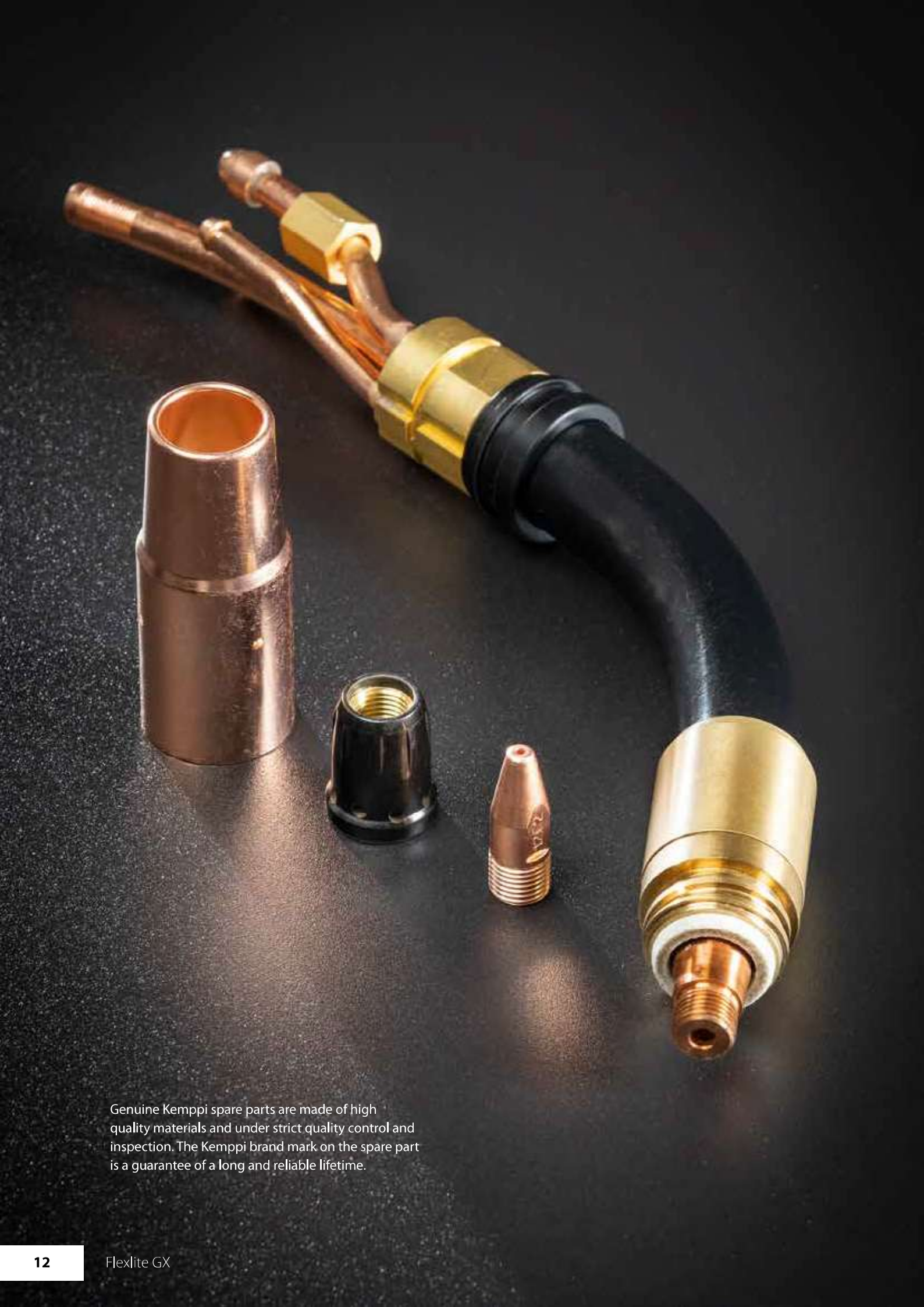
According to tests made in Kemppi welding laboratory, the Flexlite GX welding guns showed up to **35 % temperature decrease** in contact tip, when compared to a corresponding non-Flexlite welding gun. This indicates that Flexlite's multi-channel cooling system plays an important role in significant lifetime improvement of consumables.

Shielding gas flow has a significant effect on weld quality. Normally shielding gas is invisible, but with Schlieren imaging technology it is possible to observe the real gas flow. This illustrates, how Flexlite GX welding gun design and consumable parts enable laminar gas flow and better shielding gas coverage.



Cooling liquid circulates close to main consumables, keeping them cooler and extending their lifetime. (Blue arrows)

Separate shielding gas channels in the gun neck enable cleaner welds, less spatters and smaller shielding gas consumption. (Green arrows)



Genuine Kemppi spare parts are made of high quality materials and under strict quality control and inspection. The Kemppi brand mark on the spare part is a guarantee of a long and reliable lifetime.

Less consumables means lower inventory costs

Flexlite GX welding guns feature improved thermal efficiency, which enables cooler temperatures and extended consumable lifetime and leads to more than 50 % lower consumables usage. High-performance, precision-drilled contact tips with improved wear life suit wide-ranging applications and filler wire types.

LESS PARTS, LOWER COSTS

The number of changeable parts has been reduced by improving cross-matching across corresponding models, and by combining the functions of some of the consumables. As a result, the total number of consumables has been reduced per individual gun models. This lowers inventory costs and makes Flexlite perfect for workshop cost management.

Original Kemppi contact tips are marked with a Kemppi brand mark. They are precision-drilled, high-performance contact tips that last longer and make the welding gun operation more reliable, bringing you direct cost savings.

For more information on Kemppi contact tips, see page 32.

Easy contact tip size selection for different filler wire materials and applications with three clearance groups: C1, C2 and C3.

Better quality and

GUN REMOTE CONTROL

Optional on-torch remote controls allow accurate and immediate welding current adjustment and memory channel selection at a distance. Available for K5 and K8 level welding guns.

ERGONOMIC HANDLE DESIGN

Anatomically shaped handle with a firm grip. A modular trigger with a few parts and simple wiring. The handle cover, trigger and gun remote control are quick and easy to change.

WORK LIGHTS

K8 level guns feature optional LED work lights to aid pre-weld positioning and post-weld visibility.

IMPROVED NECK COOLING

Separate shielding gas channels and the cooling circulation that is running to the end of the gun neck keep the neck cooler and enable cleaner welds, less spatters and extend consumables' lifetime.

LESS PARTS, LOWER COSTS

The number of changeable parts has been reduced by improving cross-matching across the models. This lowers inventory costs and makes Flexlite GX perfect for workshop cost management.

Genuine Kemppi spare parts guarantee that your welding gun serves you with maximum efficiency and quality. The Kemppi brand mark on the spare part is a guarantee of a long and reliable lifetime.

PISTOL GRIP HANDLE

The pistol grip handle is included in standard delivery specification. It allows a natural wrist position, which makes the work easier and more effortless, especially when doing long welds. Quick to install without tools.

improved productivity

SMART CABLE DESIGN

Flexible cable sets and ball-jointed cable protection reduce wrist torque, which makes the work more easier and more effortless. The cable set features replaceable internal cables and hoses.

EASY ACCESS TO INFORMATION

The QR code takes you directly to relevant ordering codes, consumables, product documents and Kemppi contacts.

CABLE SPRING PROTECTION

Strong, spring-protected cable end prevents sudden bends and protects the hoses inside the cable.

CONNECTION

K3 and K5 level gun models feature a universal Euro connection to the wire feeder, which enables their connectivity with most MIG/MAG welding equipment brands. K8 level welding gun models have a special Kemppi connector, allowing accurate data collection from the welding arc.

Value levels – Best gun for each task

Kemppi's Flexlite GX guns for MIG/MAG welding are divided into three value levels: K3, K5 and K8. Each level is designed to serve specific welding needs. The higher the value level, the more features you get.

All value level models enjoy the Flexlite features for user comfort and extended consumable part life. Designed with superb balance, they reduce wrist loading and work fatigue. The same consumables can be used in all K-level models, which simplifies spare part management and makes it more cost-efficient.

K8 level models are a powerful combination of ergonomic and technical welding performance. A remote control device with a display can be bought separately. The LED work light provides better visibility in low light working conditions, aiding pre-weld positioning and post-weld visibility. The gas-cooled K8 level gun range features exchangeable swan necks. The Kemppi Gun Connector offers enhanced mechanical and electrical properties together with real-time arc voltage measurement.

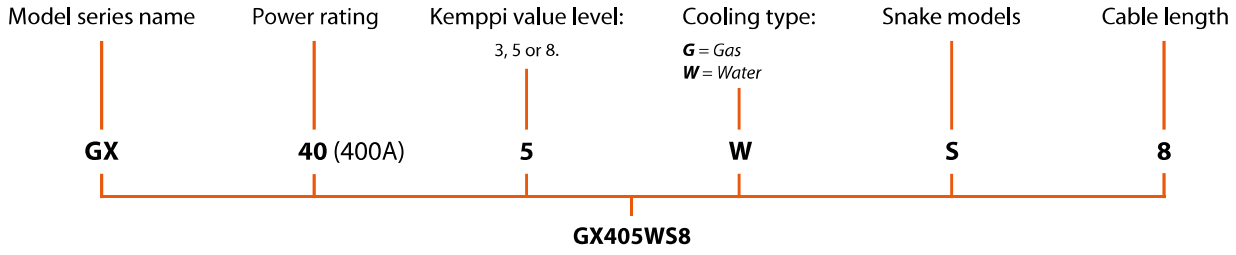
K5 level models suit a variety of professional applications and include both gas- and water-cooled models. MN stands for Multi-Neck, a fast-change gun neck system, allowing one of three neck variants to be selected and fitted to the gun handle in seconds. All K5 level models accept the optional remote control device, which provides real-time selection of welding power or memory channels during welding. Euro connector guarantees connectivity with most MIG/MAG welding equipment brands.

K3 level models are suitable for use across a wide range of materials and tasks. They are available in both gas- and water-cooled models from 3 to 5 meters in length. Euro connector guarantees connectivity with most MIG/MAG equipment brands. No option for remote control.

K3 level	page	K5 level	page	K8 level	page
Flexlite GX 253G Load capacity: 250A/35% Cooling: gas Length: 3.5 m / 5 m	20	**Flexlite GX 255G** Load capacity: 250A/35% Cooling: gas Length: 3.5 m / 5 m	20	**Flexlite GX 208G** Neck: Multi-neck Load capacity: 200A/60% Cooling: gas Length: 3.5 m / 5 m	26
Flexlite GX 203G Load capacity: 200A/35% Cooling: gas Length: 3.5 m / 5 m	21	**Flexlite GX 205G** Load capacity: 200A/35% Cooling: gas Length: 3.5 m / 5 m	21	**Flexlite GX 308G** Neck: Multi-neck Load capacity: 300A/60% Cooling: gas Length: 3.5 m / 5 m	26
Flexlite GX 303G Load capacity: 300A/35% Cooling: gas Length: 3.5 m / 5 m	22	**Flexlite GX 305G** Load capacity: 300A/35% Cooling: gas Length: 3.5 m / 5 m / 6 m / 8 m	22	**Flexlite GX 408G** Neck: Multi-neck Load capacity: 400A/60% Cooling: gas Length: 3.5 m / 5 m	27
Flexlite GX 403G Load capacity: 400A/35% Cooling: gas Length: 3.5 m / 5 m	23	**Flexlite GX 305GMN** Neck: Multi-neck Load capacity: 350A/35% Cooling: gas Length: 3.5 m / 5 m	25	**Flexlite GX 428W** Neck: normal or N250 Load capacity: 420A/100% Cooling: water Length: 3.5 m / 5 m / 8 m*	28, 31
Flexlite GX 303W Load capacity: 300A/100% Cooling: water Length: 3.5 m / 5 m	21	**Flexlite GX 405G** Load capacity: 400A/35% Cooling: gas Length: 3.5 m / 5 m	23	**Flexlite GX 528W** Neck: normal or N250 Load capacity: 520A/100% Cooling: water Length: 3.5 m / 5 m	29
Flexlite GX 403W Load capacity: 400A/100% Cooling: water Length: 3.5 m / 5 m	22	**Flexlite GX 305W** Load capacity: 300A/100% Cooling: water Length: 3.5 m / 5 m / 6 m**	21	**Flexlite GX 608W** Load capacity: 600A/40% Cooling: water Length: 5 m	30
Flexlite GX 503W Load capacity: 500A/100% Cooling: water Length: 3.5 m / 5 m	23	**Flexlite GX 405W** Load capacity: 400A/100% Cooling: water Length: 3.5 m / 5 m / 6 m* / 8 m*	22		
		Flexlite GX 505W Load capacity: 500A/100% Cooling: water Length: 3.5 m / 5 m	23		
		Flexlite GX 605W Load capacity: 600A/40% Cooling: water Length: 5 m	24		

* Load capacity 300A/100%
** Load capacity 250A/100%

The name of a Flexlite welding gun tells its properties and use



Flexlite GX accessories provide greater comfort and usability to your welding. The on-torch remote controls reduce the need to leave the workplace to adjust parameters, and the pistol grip handle reduces the wrist loading in certain welding jobs. This makes the welder's work easier and more efficient.

Improve the ergonomics and usability with Flexlite accessories

Pistol grip handle is a standard accessory included in all Flexlite GX welding gun packages. It allows a natural wrist position, which makes the work easier and more effortless, especially when doing long welds. Quick to install and remove without tools.

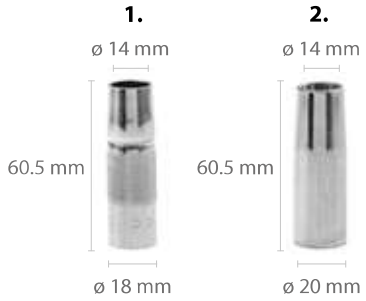
GXR10 Gun Remote is an on-torch remote control device for K5 level Flexlite GX welding guns. When used with a compatible welding system, it allows accurate and immediate welding current adjustment and memory channel selection conveniently from the welding gun.

Fast and easy to install, GXR10 Gun Remote can be purchased as an optional accessory for any K5 level Flexlite GX welding gun.

K8 level Flexlite GX welding guns can be equipped with a sophisticated gun remote control device GXR80 Gun Remote With Display. It has a bright and clear LED display that provides a crisp view to manage the welding parameters, memory channels and WPSs.

CONSUMABLES

GX253G35, GX253G5, GX255G35, GX255G5



A. Gas nozzle		
1.	9580101	MT18, 25, 26
2.	9580101E	MT25, thick wall
3.	958010101	MT18-25-26 with insulating bush

B. Contact tip	
CT10C1SD003	1.0 C1 STD M6

C. Contact tip adapter	
9580173	MT18, 25

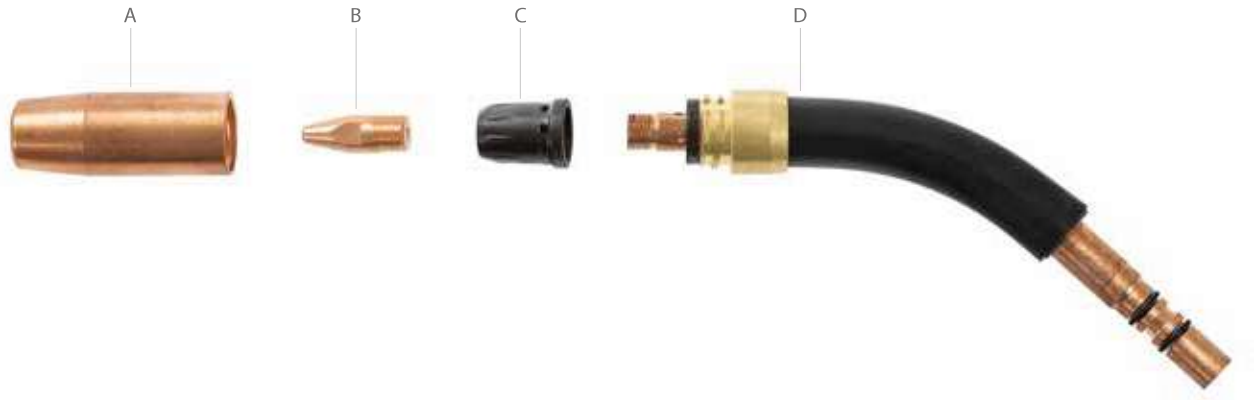
D. Gun neck	
SP014695	180G

Wire liners	
W013628	0.9-1.2 Fe/3.5 m Ø 4.6 steel
W013632	0.9-1.2 Fe/5.0 m Ø 4.6 steel

Wire guide tube	
SP016214	End cap 4.9 mm, sealed

CONSUMABLES

GX203G35, GX203G5, GX303W35, GX303W5, GX205G35, GX205G5, GX305W35, GX305W5, GX305WS6*



A. Gas nozzle		
1.	W014452	Thread, L57 / OD22 / D14
2.	W015858	Thread, L60 / OD22 / D15

D. Gun neck	
SP014682	200G
SP014957	300W

B. Contact tip	
CT10C1SD001	1.0 C1 STD M10

Wire liners	
W013628	0.9-1.2 Fe/3.5 m Ø 4.6 steel
W013632	0.9-1.2 Fe/5.0 m Ø 4.6 steel
W016311	1.0-1.2 Ss, (Fe)/6.0 m Ø 5.9 DL-CHILI

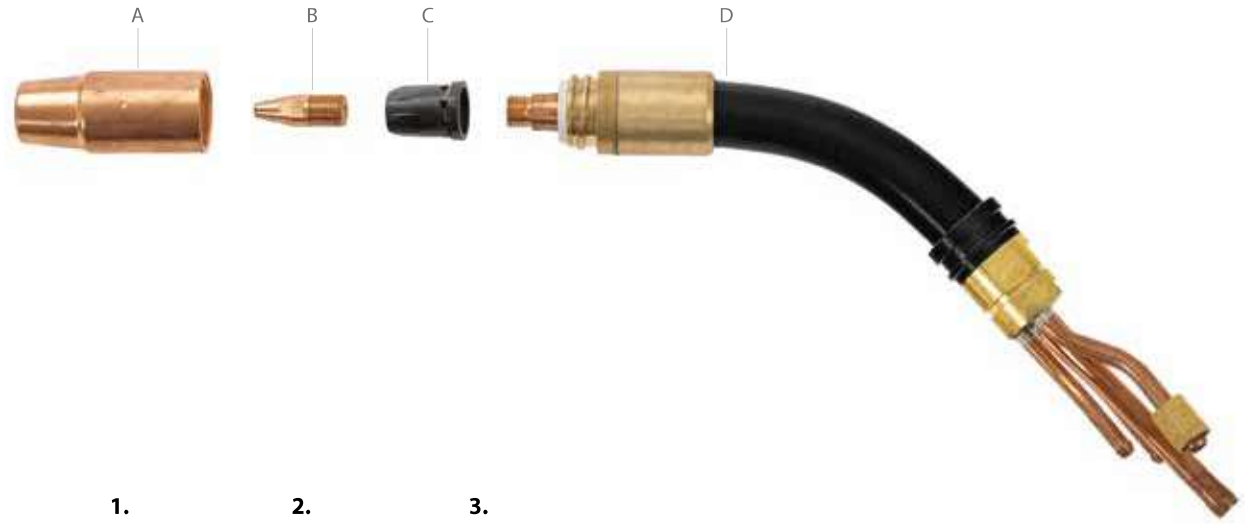
C. Contact tip adapter	
W013203	M10, insulated
W011483	M10

Wire guide tube	
SP016214	End cap 4.9 mm, sealed
SP014606	End cap 4.9 mm
SP015160	End cap 6.3 mm

* Model delivered without a wire liner. For ordering codes, see page 34.

CONSUMABLES

GX303G35, GX303G5, GX403W35, GX403W5, GX305G35, GX305G5, GX305GS6*, GX305GS8*, GX405W35, GX405W5, GX405WS6*, GX405WS8*



A. Gas nozzle		
1.	W011478	Thread, L57 / OD25 / D15
2.	W013930	Thread, L61 / OD25 / D16
3.	W012143	Thread, L61 / OD25 / D19

B. Contact tip	
CT10C1SD001	1.0 C1 STD M10
CT12C1SD001	1.2 C1 STD M10

C. Contact tip adapter	
W013203	M10, insulated
W011483	M10

D. Gun neck	
SP013786	300G
SP012594	420W
SP013770	420W, L=250

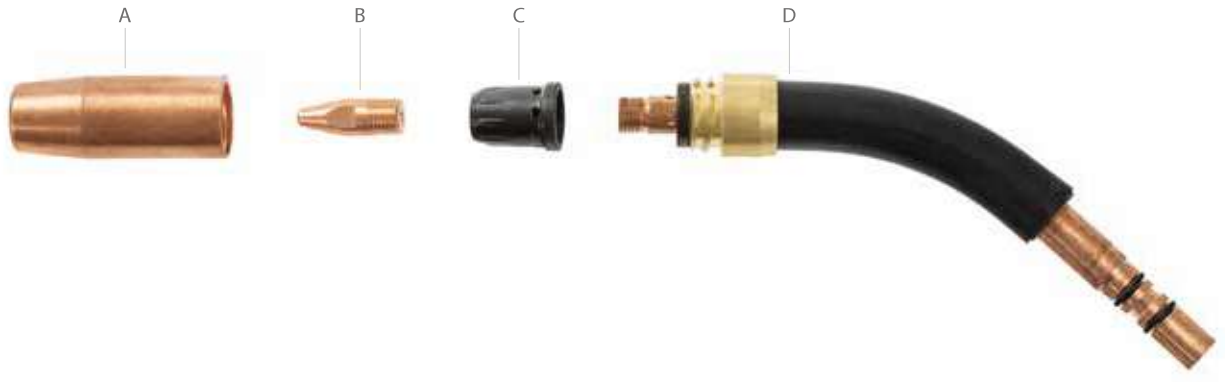
Wire liners	
W013628	0.9-1.2 Fe/3.5 m Ø 4.6 steel
W013632	0.9-1.2 Fe/5.0 m Ø 4.6 steel
W016311	1.0-1.2 Ss, (Fe)/6.0 m Ø 5.9 DL-CHILI
W016312	1.0-1.2 Ss, (Fe)/8.0 m Ø 5.9 DL-CHILI

Wire guide tube	
SP016214	End cap 4.9 mm, sealed
SP014606	End cap 4.9 mm
SP015160	End cap 6.3 mm

* Model delivered without a wire liner. For ordering codes, see page 34.

CONSUMABLES

GX403G35, GX403G5, GX503W35, GX503W5, GX405G35, GX405G5, GX505W35, GX505W5



A. Gas nozzle		
1.	W011472	Thread, L60 / OD28 / D15
2.	W013931	Thread, L64 / OD28 / D17
3.	W012146	Thread, L64 / OD28 / D21

D. Gun neck	
SP014666	400G
SP012561	520W
SP013778	520W, L=250

B. Contact tip	
CT12C1SD001	1.2 C1 STD M10

Wire liners	
W013628	0.9-1.2 Fe/3.5 m Ø 4.6 steel
W013632	0.9-1.2 Fe/5.0 m Ø 4.6 steel

C. Contact tip adapter	
W013203	M10, insulated
W011483	M10

Wire guide tube	
SP016214	End cap 4.9 mm, sealed
SP014606	End cap 4.9 mm

CONSUMABLES

GX605W5

A. Gas nozzle	
W012793	Thread, L64 / OD30 / D17

D. Gun neck	
SP012776	600W

B. Contact tip	
CT12C1SD001	1.2 C1 STD M10

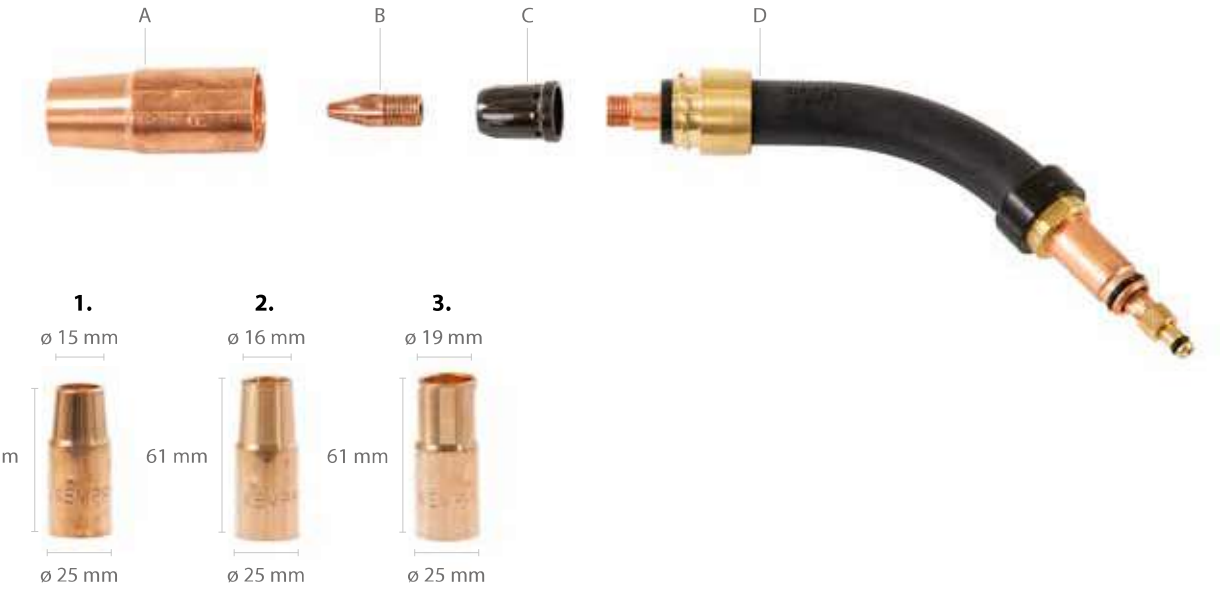
Wire liners	
W012614	1.2-1.6 Fe/3.5M YE steel

C. Contact tip adapter	
W012810	M10, 600W

Wire guide tube	
SP015160	End cap 6.3 mm

CONSUMABLES

GX305GMN35, GX305GMN5



A. Gas nozzle		
1.	W011478	Thread, L57 / OD25 / D15
2.	W013930	Thread, L61 / OD25 / D16
3.	W012143	Thread, L61 / OD25 / D19
4.	W011958	Thread, L51 / OD25 / D12 (Root)

B. Contact tip	
CT10C1SD001	1.0 C1 STD M10

C. Contact tip adapter	
W013203	M10, insulated
W011483	M10

D. Gun neck	
SP012416	300G MN

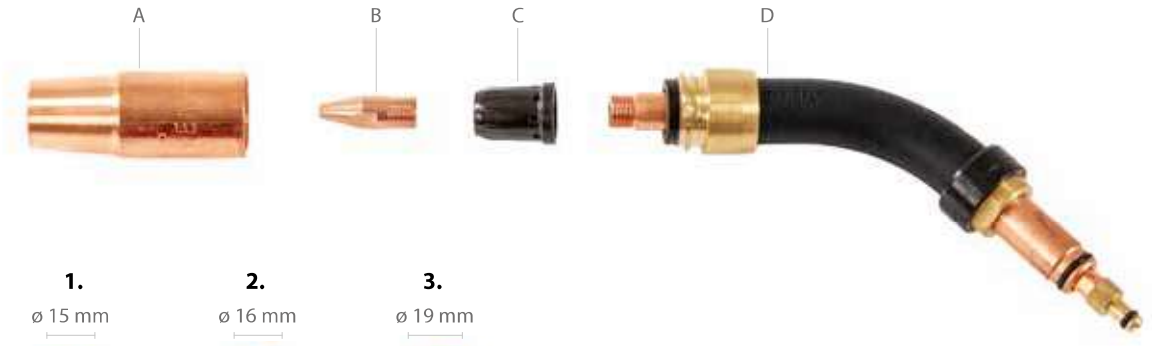
Neck wire liner	
SP012201	NECK LINER MN 300G 1.5/4.0 L191
SP012202	NECK LINER MN 300G 2.0/4.0 L191
SP012200	NECK LINER MN 300G 2.5/4.0 L191

Wire liners	
W012361	MN 0.9-1.2 Fe/3.5 m RD steel
W012362	MN 0.9-1.2 Fe/5.0 m RD steel

Wire guide tube	
SP015160	End cap 6.3 mm

CONSUMABLES

GX208GMN35, GX208GMN5, GX308GMN35, GX308GMN5



A. Gas nozzle		
1.	W011478	Thread, L57 / OD25 / D15
2.	W013930	Thread, L61 / OD25 / D16
3.	W012143	Thread, L61 / OD25 / D19
4.	W011958	Thread, L51 / OD25 / D12 (Root)

B. Contact tip	
CT10C1SD001	1.0 C1 STD M10

C. Contact tip adapter	
W013203	M10, insulated
W011483	M10 brass

D. Gun neck	
SP012415	200G MN
SP012416	300G MN

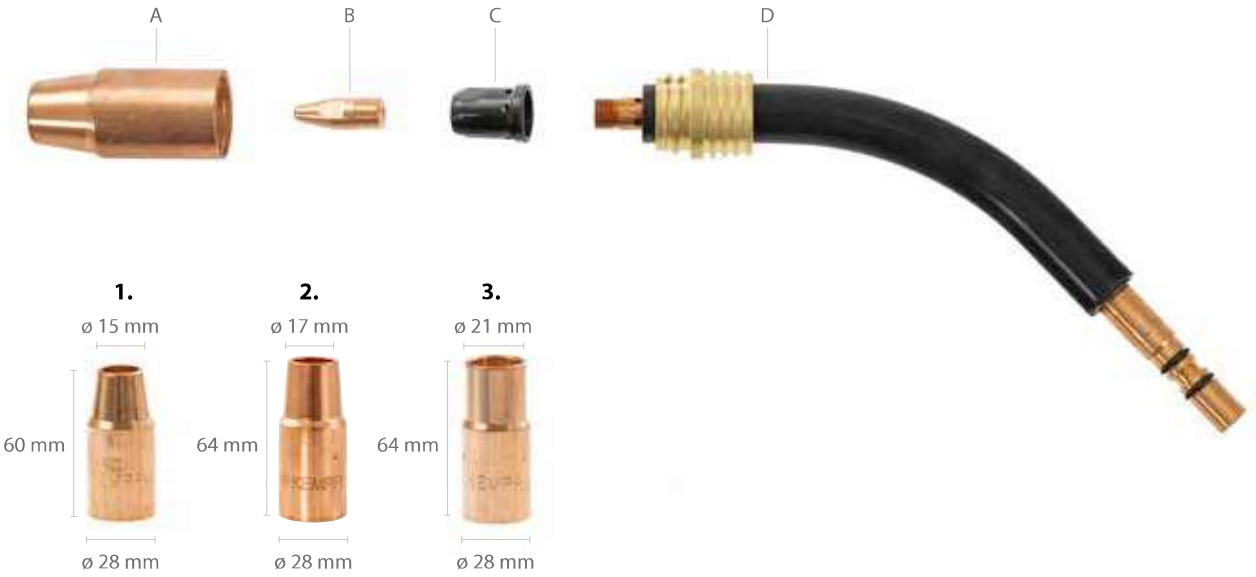
Neck wire liner	
SP012238	MN 200G 1.5/4.0 L171
SP012239	MN 200G 2.0/4.0 L171
SP012240	MN 200G 2.5/4.0 L171
SP012201	MN 300G 1.5/4.0 L191
SP012202	MN 300G 2.0/4.0 L191
SP012200	MN 300G 2.5/4.0 L191

Wire liners	
W012361	MN 0.9-1.2 Fe/3.5 m RD steel
W012362	MN 0.9-1.2 Fe/5.0 m RD steel

Wire guide tube	
SP011868	Guide tube out 1.0 RD plastic

CONSUMABLES

GX408GMN35, GX408GMN5



A. Gas nozzle		
1.	W011472	Thread, L60 / OD28 / D15
2.	W013931	Thread, L64 / OD28 / D17
3.	W012146	Thread, L64 / OD28 / D21

B. Contact tip	
CT12C1SD001	1.2 C1 STD M10

C. Contact tip adapter	
W013203	M10, insulated
W011483	M10

D. Gun neck	
SP012417	400G MN

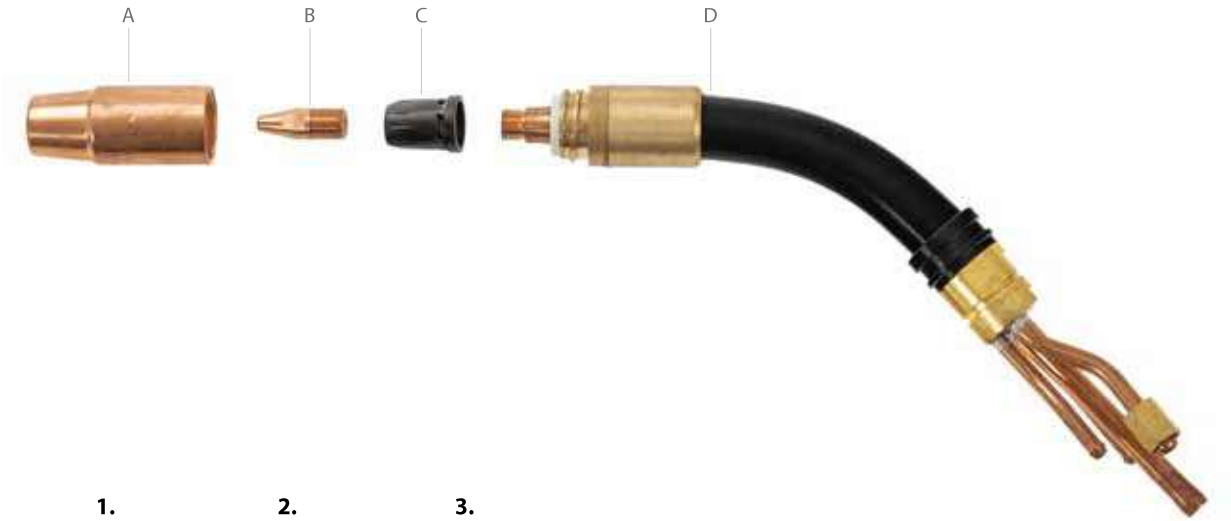
Neck wire liner	
SP012235	MN 400G 1.5/4.0 L216
SP012236	MN 400G 2.0/4.0 L216
SP012237	MN 400G 2.5/4.0 L216

Wire liners	
W012361	MN 0.9-1.2 Fe/3.5 m RD steel
W012362	MN 0.9-1.2 Fe/5.0 m RD steel

Wire guide tube	
SP011869	Guide tube out 1.2 OG plastic

CONSUMABLES

GX428W35, GX428W5, GX428W35N250, GX428W5N250



A. Gas nozzle		
1.	W011478	Thread, L57 / OD25 / D15
2.	W013930	Thread, L61 / OD25 / D16
3.	W012143	Thread, L61 / OD25 / D19

D. Gun neck	
SP012594	420W
SP013770	420W, L=250

B. Contact tip	
CT10C1SD001	1.0 C1 STD M10

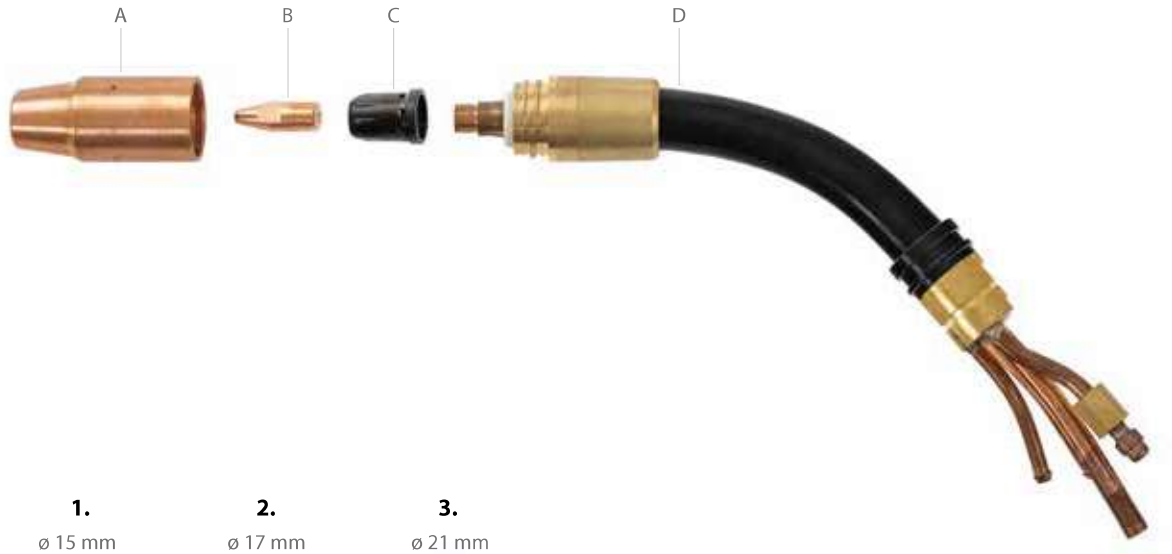
Wire liners	
W013628	0.9-1.2 Fe/3.5 m Ø 4.6 steel
W013632	0.9-1.2 Fe/5.0 m Ø 4.6 steel

C. Contact tip adapter	
W013203	M10, insulated
W011483	M10

Wire guide tube	
SP013597	1.0 / 4.9 RD plastic

CONSUMABLES

GX528W35, GX528W5, GX528W35N250, GX528W5N250



A. Gas nozzle		
1.	W011472	Thread, L60 / OD28 / D15
2.	W013931	Thread, L64 / OD28 / D17
3.	W012146	Thread, L64 / OD28 / D21

B. Contact tip	
CT12C1SD001	1.2 C1 STD M10

C. Contact tip adapter	
W013203	M10, insulated
W011483	M10

D. Gun neck	
SP012561	520W
SP013778	520W, L=250

Wire liners	
W013632	0.9-1.2 Fe/5.0 m Ø 4.6 steel

Wire guide tube	
SP013598	1.2 / 4.9 OG plastic

CONSUMABLES

GX608W5

A. Gas nozzle	
W012793	Thread, L64 / OD30 / D17

D. Gun neck	
SP012776	600W

B. Contact tip	
CT12C1SD001	1.2 C1 STD M10

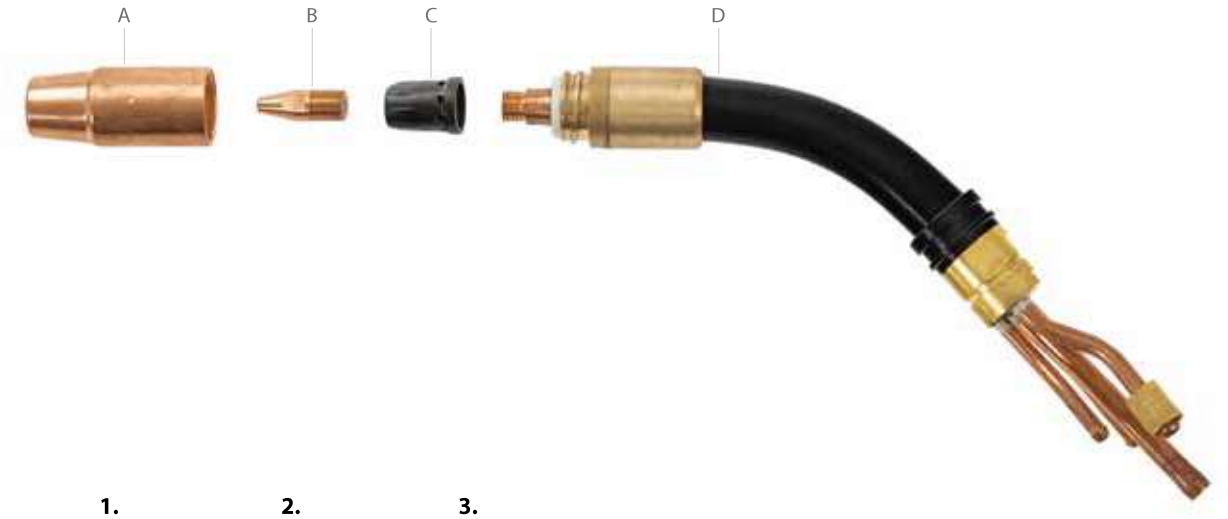
Wire liners	
W012614	1.2-1.6 Fe/3.5 m YE steel

C. Contact tip adapter	
W012810	M10, 600W

Wire guide tube	
SP011869	1.2 OG plastic

CONSUMABLES

GX428WS8*



A. Gas nozzle		
1.	W011478	Thread, L57 / OD25 / D15
2.	W013930	Thread, L61 / OD25 / D16
3.	W012143	Thread, L61 / OD25 / D19

D. Gun neck	
SP012594	420W
SP013770	420W, L=250

B. Contact tip	
CT12C1SD001	1.2 C1 STD M10

Wire liners	
W016312	1.0-1.2 Ss, (Fe)/8.0 m Ø 5.9 DL-Chili

C. Contact tip adapter	
W013203	M10, insulated

Wire guide tube	
SP011869	1.2 OG plastic

* Model delivered without a wire liner. For ordering codes, see page 34.

Contact tips

All Kemppi's original M10 contact tips are precision-drilled, high quality consumables. The high-speed drilling produces a much smoother borehole surface, which enables smooth and reliable wire feed and extends contact tip lifetime.

Recommended first choice

Filler wire Ø	Ferrous wires	Stainless wires	Aluminum wires	Fluxed wires
0.8	C1 (small)	C2 (medium)	C3 (large)	
0.9	C1 (small)	C2 (medium)	C3 (large)	C1 (small)
1	C1 (small)	C2 (medium)	C3 (large)	C1 (small)
1.2	C1 (small)	C2 (medium)	C3 (large)	C1 (small)
1.4	C1 (small)		C3 (large)	C1 (small)
1.6	C1 (small)	C2 (medium)	C3 (large)	C1 (small)
2	C3 (large)		C3 (large)	
2.4	C3 (large)		C3 (large)	

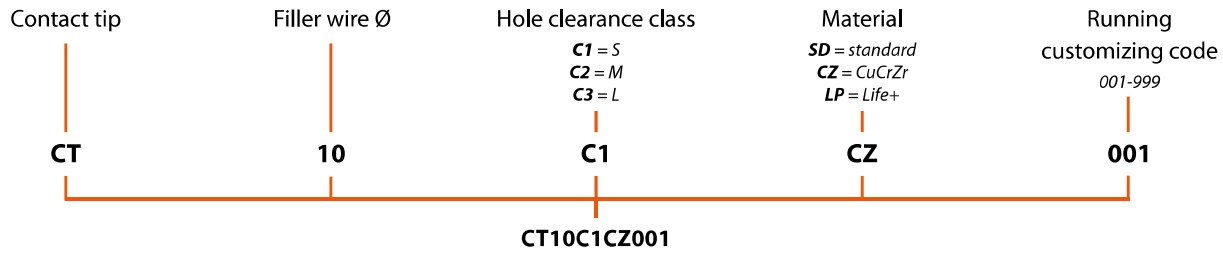
LIFE+ contact tips last up to 5 times longer than ordinary copper tips, reducing overall costs and increasing welding time.

Each filler wire diameter includes three clearance classes: C1, C2, C3. Just select the class that is the most suitable for your application.

If you experience trouble in high-power welding, you might try selecting a bigger clearance class. A smaller clearance class may have a positive effect on ignition.

Please notice that these are recommendations only.

Item code



Contact tips, STD

Ordering code	Wire Ø, mm	Clearance	Material	Thread
CT08C1SD001	0.8	C1	STD	M10
CT09C1SD001	0.9	C1	STD	M10
CT10C1SD001	1.0	C1	STD	M10
CT12C1SD001	1.2	C1	STD	M10
CT14C1SD001	1.4	C1	STD	M10
CT16C1SD001	1.6	C1	STD	M10
CT08C2SD001	0.8	C2	STD	M10
CT09C2SD001	0.9	C2	STD	M10
CT10C2SD001	1.0	C2	STD	M10
CT12C2SD001	1.2	C2	STD	M10
CT14C2SD001	1.4	C2	STD	M10
CT16C2SD001	1.6	C2	STD	M10
CT08C3SD001	0.8	C3	STD	M10
CT09C3SD001	0.9	C3	STD	M10
CT10C3SD001	1.0	C3	STD	M10
CT12C3SD001	1.2	C3	STD	M10
CT14C3SD001	1.4	C3	STD	M10
CT16C3SD001	1.6	C3	STD	M10
CT20C3SD001	2.0	C3	STD	M10
CT24C3SD001	2.4	C3	STD	M10
CT06C1SD003	0.6	C1	STD	M6
CT08C1SD003	0.8	C1	STD	M6
CT09C1SD003	0.9	C1	STD	M6
CT10C1SD003	1.0	C1	STD	M6
CT12C1SD003	1.2	C1	STD	M6
CT16C1SD003	1.6	C1	STD	M6

Contact tips, CRZR

CT08C1CZ001	0.8	C1	CRZR	M10
CT09C1CZ001	0.9	C1	CRZR	M10
CT10C1CZ001	1.0	C1	CRZR	M10
CT12C1CZ001	1.2	C1	CRZR	M10
CT16C1CZ001	1.6	C1	CRZR	M10
CT10C2CZ001	1.0	C2	CRZR	M10
CT12C2CZ001	1.2	C2	CRZR	M10
CT16C2CZ001	1.6	C2	CRZR	M10
CT08C1CZ003	0.8	C1	CRZR	M6

Contact tips, LIFE+

CT08C1LP002	0.8	C1	LIFE+	M10
CT10C1LP002	1.0	C1	LIFE+	M10
CT12C1LP002	1.2	C1	LIFE+	M10
CT14C1LP002	1.4	C1	LIFE+	M10
CT16C1LP002	1.6	C1	LIFE+	M10
CT08C2LP002	0.8	C2	LIFE+	M10
CT10C2LP002	1.0	C2	LIFE+	M10
CT12C2LP002	1.2	C2	LIFE+	M10
CT14C2LP002	1.4	C2	LIFE+	M10
CT16C2LP002	1.6	C2	LIFE+	M10
CT10C3LP002	1.0	C3	LIFE+	M10
CT12C3LP002	1.2	C3	LIFE+	M10
CT14C3LP002	1.4	C3	LIFE+	M10
CT16C3LP002	1.6	C3	LIFE+	M10

Contact tips, other

CT10C1SD004 *	1.0	C1	STD	M10
CT12C1SD004 *	1.2	C1	STD	M10

* Narrow gap welding

Wire liners

Kemppi wire liners are strong, durable and efficient. Designed to suit specific filler wire materials and applications, Kemppi liners support the filler wire and ensure reliable delivery to the welding arc. The liner selection tables describe gun type, filler material, liner color, ordering code and gun length. Steel spiral liners are suitable for welding solid and cored filler wires of corresponding wire diameter.

Kemppi 'DL Chili' teflon liners are the best solution for reliable feeding of aluminum, stainless steel, acid-resistant and solid steel filler wires. Kemppi's patented technology, two layer DL Chili liner material significantly reduces friction losses between the filler wire material and liner wall, ensuring reliable and worry-free feeding for listed wire types, even in welding guns up to 8 meters in length. Please refer to the following tables to ensure accurate selection of liners for your chosen welding gun and application.

WIRE LINERS FOR S MODELS (SNAKE)

Ordering code	Liner	Length, m	Wire Ø, mm	Material	Cooling	Note
W016311	DL Chili	6	1.0-1.2	Ss (Fe)	G / W	Best suited for Ss, works also for Fe.
W016312	DL Chili	8	1.0-1.2	Ss (Fe)	G / W	Best suited for Ss, works also for Fe.
W016301	DL Chili	6	1.0-1.2	Al (Ss)	G / W	Best suited for Al (1.2 mm).
W014061	DL Chili	8	1.0-1.2	Al (Ss)	G / W	Best suited for Al (1.2 mm).
W016408	DL Chili	6	1.4-1.6	Al (Ss, Fe)	G / W	Best suited for Al (1.4-1.6 mm), works also for Ss and Fe (up to 1.6 mm).
W014060	DL Chili	8	1.4-1.6	Al (Ss, Fe)	G / W	Best suited for Al (1.4-1.6 mm), works also for Ss and Fe (up to 1.6 mm).

WIRE LINERS FOR FLEXLITE GX (K3, K5 AND K8 LEVEL MODELS)

Ordering code	Liner type	Length, m	Wire Ø, mm	Material	Cooling	Note
4307650	Steel	3		Fe	G / W	MMG
4307660	DL Chili	3	0.6-1.0	Fe	G / W	MMG
W013621	Steel	3.5	0.8	Fe	G / W	
W013628	Steel	3.5	0.9-1.2	Fe	G / W	
W013629	Steel	3.5	1.4	Fe	G / W	
W013630	Steel	3.5	1.6	Fe	G / W	
W013631	Steel	5	0.8	Fe	G / W	
W013632	Steel	5	0.9-1.2	Fe	G / W	
W013633	Steel	5	1.4	Fe	G / W	
W013634	Steel	5	1.6	Fe	G / W	
W013609	DL Chili	3.5	0.8	Ss, Fe	W	
W013610	DL Chili	3.5	0.9-1.0	Ss, Fe	W	
W013611	DL Chili	3.5	1.2	Ss, Fe	W	
W013612	DL Chili	3.5	1.4-1.6	Ss, Fe	W	
W013613	DL Chili	5	0.8	Ss, Fe	W	
W013614	DL Chili	5	0.9-1.0	Ss, Fe	W	
W013615	DL Chili	5	1.2	Ss, Fe	W	
W013616	DL Chili	5	1.4-1.6	Ss, Fe	W	
W013636	DL Chili	3.5	0.8	Al	W	
W013637	DL Chili	3.5	0.9-1.0	Al	W	
W013638	DL Chili	3.5	1.2	Al	W	
W013639	DL Chili	3.5	1.4-1.6	Al	W	
W013640	DL Chili	5	0.8	Al	W	
W013641	DL Chili	5	0.9-1.0	Al	W	
W013642	DL Chili	5	1.2	Al	W	
W013643	DL Chili	5	1.4-1.6	Al	W	
W007675	DL Chili	3.5	0.6-1.0	Al, Ss, Fe	G	
W007677	DL Chili	3.5	1.0-1.2	Al, Ss, Fe	G	
W007681	DL Chili	3.5	1.2-1.6	Al, Ss, Fe	G	
W007676	DL Chili	5	0.6-1.0	Al, Ss, Fe	G	
W007680	DL Chili	5	1.0-1.2	Al, Ss, Fe	G	
W007683	DL Chili	5	1.2-1.6	Al, Ss, Fe	G	
W014831	DL Chili	5	2.0-2.4	Al	W	600W Only
W012614	Steel	5	1.2-1.6	Fe	W	600W Only
W013652	Steel	5	2.0-2.4	Fe	W	600W Only

WIRE LINERS FOR GX MULTINECK

Ordering code	Liner type	Length, m	Wire Ø, mm	Material	Cooling	Note
W012361	Steel	3.5	0.9-1.2	Fe	G	
W012363	Steel	3.5	1.2-1.6	Fe	G	
W012362	Steel	5	0.9-1.2	Fe	G	
W012364	Steel	5	1.2-1.6	Fe	G	
W012355	DL Chili	3.5	0.6-1.0	Al, Ss, Fe	G	
W012356	DL Chili	3.5	1.0-1.2	Al, Ss, Fe	G	
W012357	DL Chili	3.5	1.2-1.6	Al, Ss, Fe	G	
W012351	DL Chili	5	0.6-1.0	Al, Ss, Fe	G	
W012352	DL Chili	5	1.0-1.2	Al, Ss, Fe	G	
W012353	DL Chili	5	1.2-1.6	Al, Ss, Fe	G	

Wire guide tubes

WIRE GUIDE TUBES GX (K3 AND K5 LEVEL MODELS)

Ordering code	Tube type	Wire Ø, mm	Material	Cooling	Note
SP016214	Brass	-	Al, Ss, Fe	G	End cap + sealing
SP014606	Brass	-	Al, Ss, Fe	G / W	
SP015160	Brass	-	Al, Ss, Fe	G / W	600W, MN, S

WIRE GUIDE TUBES GX (K8 LEVEL MODELS)

Ordering code	Tube type	Wire Ø, mm	Material	Cooling	Note
SP013595	Plastic	0.6	Al, Ss		Max liner OD 4.7 mm
SP013596	Plastic	0.8-0.9	Al, Ss	W	Max liner OD 4.7 mm
SP013597	Plastic	1.0	Al, Ss	W	Max liner OD 4.7 mm
SP013598	Plastic	1.2	Al, Ss	W	Max liner OD 4.7 mm
SP013599	Plastic	1.4	Al, Ss	W	Max liner OD 4.7 mm
SP013600	Plastic	1.6	Al, Ss	W	Max liner OD 4.7 mm
SP013751	Metal	0.8-0.9	Fe	W	Max liner OD 4.7 mm
SP013752	Metal	1.0	Fe	W	Max liner OD 4.7 mm
SP013753	Metal	1.2	Fe	W	Max liner OD 4.7 mm
SP013754	Metal	1.4	Fe	W	Max liner OD 4.7 mm
SP013755	Metal	1.4-1.6	Fe	W	Max liner OD 4.7 mm
SP009276	Plastic	0.6	Al, Ss	G	Max liner OD 5.9 mm
SP011867	Plastic	0.8-0.9	Al, Ss	G	Max liner OD 5.9 mm
SP011868	Plastic	1.0	Al, Ss	G	Max liner OD 5.9 mm
SP011869	Plastic	1.2	Al, Ss	G (420-W-8m)	Max liner OD 5.9 mm
SP011870	Plastic	1.4	Al, Ss	G (420-W-8m)	Max liner OD 5.9 mm
SP011871	Plastic	1.6	Al, Ss	G (420-W-8m)	Max liner OD 5.9 mm
SP011872	Plastic	2.0	Al, Ss	G	Max liner OD 6,6 mm
SP011873	Plastic	2.4	Al, Ss	G	Max liner OD 6,6 mm
SP011886	Metal	0.6	Fe	G	Max liner OD 5.9 mm
SP011887	Metal	0.8-0.9	Fe	G	Max liner OD 5.9 mm
SP011888	Metal	1.0	Fe	G	Max liner OD 5.9 mm
SP011889	Metal	1.2	Fe	G	Max liner OD 5.9 mm
SP011890	Metal	1.4	Fe	G	Max liner OD 5.9 mm
SP011891	Metal	1.4-1.6	Fe	G	Max liner OD 5.9 mm
SP011892	Metal	2.0	Fe	G (600-W)	Max liner OD 6,6 mm
SP011893	Metal	2.4	Fe	G (600-W)	Max liner OD 6,6 mm

KEMPPI

Technical data and ordering codes

K3 MODELS

Flexlite GX		253G	203G	303G	403G	303W	403W	503W
Welding process		MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG
Contact tip		M6	M10	M10	M10	M10	M10	M10
Type of cooling		Gas	Gas	Gas	Gas	Water	Water	Water
Type of connection		Euro	Euro	Euro	Euro	Euro	Euro	Euro
Wire diameters (mm)		0.6–1.2	0.8–1.2	0.8–1.2	0.8–1.6	0.8–1.6	0.8–1.6	0.8–1.6
Load capacity (IEC 60974-7)								
35% / Ar + 18% CO_2		250 A	200 A	300 A	400 A			
60% / Ar + 18% CO_2								
100% / Ar + 18% CO_2						300 A	400 A	500 A
Pistol grip handle		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote control option		No	No	No	No	No	No	No
LED option		No	No	No	No	No	No	No
Rotating neck		Yes	Yes	Yes	Yes	No	No	No
Changeable neck		No	No	No	No	No	No	No
Ordering codes	3.5 m	GX253G35	GX203G35	GX303G35	GX403G35	GX303W35	GX403W35	GX503W35
	5 m	GX253G5	GX203G5	GX303G5	GX403G5	GX303W5	GX403W5	GX503W5

K5 MODELS

Flexlite GX		255G	205G	305G	405G	305W	405W	505W
Welding process		MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG
Contact tip		M6	M10	M10	M10	M10	M10	M10
Type of cooling		Gas	Gas	Gas	Gas	Water	Water	Water
Type of connection		Euro	Euro	Euro	Euro	Euro	Euro	Euro
Wire diameters (mm)		0.6–1.2	0.8–1.2	0.8–1.2	0.8–1.6	0.8–1.6	0.8–1.6	0.8–1.6
Load capacity (IEC 60974-7)								
35% / Ar + 18% CO_2		250 A	200 A	300 A	400 A			
60% / Ar + 18% CO_2								
100% / Ar + 18% CO_2						300 A	400 A	500 A
Pistol grip handle		Yes	Yes	Yes	Yes	Yes	Yes	Yes
GXR10 Gun Remote (ordering code: GXR10)		Yes	Yes	Yes	Yes	Yes	Yes	Yes
LED option		No	No	No	No	No	No	No
Rotating neck		Yes	Yes	Yes	Yes	No	No	No
Changeable neck		No	No	No	No	No	No	No
Ordering codes	3.5 m	GX255G35	GX205G35	GX305G35	GX405G35	GX305W35	GX405W35	GX505W35
	5 m	GX255G5	GX205G5	GX305G5	GX405G5	GX305W5	GX405W5	GX505W5

K5 MODELS

Flexlite GX		605W	305GMN	305GS	305WS	405WS
Welding process		MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG
Contact tip		M10	M10	M10	M10	M10
Type of cooling		Water	Gas	Gas	Water	Water
Type of connection		Euro	Euro	Euro	Euro	Euro
Wire diameters (mm)		1.2–2.4	0.8–1.2	1.0–1.2	1.0–1.6	1.0–1.6
Load capacity (IEC 60974-7)						
35% / Ar + 18% CO_2		600 A (40%)	350 A	300 A		
60% / Ar + 18% CO_2						
100% / Ar + 18% CO_2					250 A	300 A
Pistol grip handle		Yes	Yes	Yes	Yes	Yes
GXR10 Gun Remote (ordering code: GXR10)		Yes	Yes	Yes	Yes	Yes
LED option		No	No	No	No	No
Rotating neck		No	Yes	Yes	No	No
Changeable neck		No	Yes	No	No	No
Ordering codes	3.5 m	GX605W35	GX305GMN35			
	5 m	GX605W5	GX305GMN5			
	6 m			GX305GS6	GX305WS6	GX405WS6
	8 m			GX305GS8		GX405WS8

K8 MODELS

Flexlite GX		208GMN	308GMN	408GMN	428W	528W	608W	428WS
Welding process		MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG
Contact tip		M10	M10	M10	M10	M10	M10	M10
Type of cooling		Gas	Gas	Gas	Water	Water	Water	Water
Type of connection		Kemppi	Kemppi	Kemppi	Kemppi	Kemppi	Kemppi	Kemppi
Wire diameters (mm)		0.8–1.2	0.8–1.2	0.8–1.6	0.8–1.6	0.8–1.6	1.2–2.4	1.2–1.6
Load capacity (IEC 60974-7)								
35% / Ar + 18% CO_2							600 A (40%)	
60% / Ar + 18% CO_2		200 A	300 A	400 A				
100% / Ar + 18% CO_2					420 A	520 A		300 A
Pistol grip handle		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote control option		Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*
LED option		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rotating neck		Yes	Yes	Yes	No	No	No	No
Changeable neck		Yes	Yes	Yes	No	No	No	No
Ordering codes	3.5 m	GX208GMN35	GX308GMN35	GX408GMN35	GX428W35	GX528W35	GX608W35	
	5 m	GX208GMN5	GX308GMN5	GX408GMN5	GX428W5	GX528W5	GX608W5	
	8 m							GX428WS8

* GXR80 Gun Remote With Display (ordering code: GXR80)

NOTE: Extra long S models are delivered without a wire liner. For wire liner ordering codes, see page 34.