

Welding guns and torches



FLEXLITE

Guns and torches for efficient welding

2021

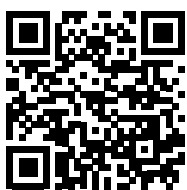


FLEXLITE GF

Grip on safety

The Flexlite GF product series consists of several MIG/MAG welding guns with a fume-extraction function. The efficient vacuum system extracts the welding fumes directly from the gun nozzle without disturbing the shielding gas flow, thus providing a safer and cleaner working environment for the welder as well as for others sharing the working environment.

The Flexlite GF is available in water- and gas-cooled versions, both featuring excellent ergonomics provided by the detachable pistol grip handle. The design and the shape of the grip handle make it a delight to hold. All Flexlite GF models enjoy the Flexlite features for user comfort, welding efficiency and extended consumable part life.



Visit website:

> kemp.cc/flexlite/gf



Flexlite GF provides a safer working environment

When working with the Flexlite GF, a primary protection is ensured for the entire working environment, including both people and fume-sensitive devices. Comprehensive testing has proved that the welding properties are not compromised when using fume extraction.

Moreover, the Flexlite GF has been tested against the ISO 21904-3 standard. This ensures a standardized way to prove the capture efficiency of the gun. The standardized welding gun is a safe and reliable tool for a welder's day-to-day work.



PROTECTION AT ITS BEST

Welding fumes are removed directly from the contaminant source, which means high-class protection not only for the welder, but to everyone around them.



WELDING OUTPERFORMED

Safety adds up to excellent welding properties and reduced spatter.



HAPPY TO HOLD

Excellent ergonomics makes welding with the Flexlite GF a pleasure, and results in increased work quality and efficiency.



Welding fume is composed of elements dangerous to human health.



One single welding operator can produce up to 40 g of air-borne fume and particulate per hour.

4000

Typically, we breath 4000 litres of air per 8-hour work shift.



Fume extraction improves safety of all people who work in same environment.



Occupational lung diseases are preventable by proper fume extraction



If unprotected, tiny fume particles can pass deep into the lung structure.



Extraction efficiency has been measured according to new standard.



If exposed for lengthy periods, may result in long term health issues, including cancer.

The most efficient fume-extraction method

All welding processes produce smoke that contains harmful metal fumes and gases which are invisible to the eye. One single welding operator can produce up to 40 grams of airborne fumes and particles per hour. These welding fumes are composed of elements that are dangerous to human health. Exposure to airborne contamination for lengthy periods may result in long-term health issues, including cancer.

The fume-extraction gun enables the extraction of welding fumes in challenging locations where it is difficult to arrange localized ventilation. An efficient fume-extraction gun, such as the Flexlite GF, collects up to 95 % of welding fumes directly as they are generated, and long before they reach the welder's breathing zone. All Kemppi's welding fume extraction gun models and their extraction efficiency has been measured according to new standard ISO 21904-3.

Fume-extraction guns are not the only option for removing airborne welding fumes and particles, but in many cases, they are the best. Fume-extraction guns are the only solution that removes the welding fumes directly at source.





Flexlite GF

Safety comes first

The Flexlite GF offers primary protection not only for the welder but also for others sharing the same working environment. The efficient and adjustable vacuum flow removes 95 % of airborne fumes and particles before they reach breathing zones.

When you have highly sensitive equipment and devices in your working environment, top-class protection is required. Removing fumes directly from the contaminant source with a fume-extraction gun is the most reliable and economic solution available in the market.

HIGH-QUALITY TOOLS FOR HIGH-QUALITY WELDS

The Flexlite GF combines powerful fume extraction and comprehensive shielding gas coverage. As well as maximum protection, this also results in premium welding work. With the help of a high-performance gun, the power source capacity is used efficiently, and the spatters are minimized.

Kemppi's comprehensive testing ensures that the use of fume extraction does not compromise welding abilities. With the Flexlite GF, the welding performance can reach a new level in terms of safety and welding capability. The Flexlite GF is compatible with standard Flexlite GX consumables. The original consumables boast a long lifecycle and durability.





In several cases, welding happens in difficult positions which may cause excessive fatigue, and even occupational injuries. The excellent ergonomics of lightweight Flexlite GF reduces injury risks and allows a welder to weld longer periods of time and more efficiently.

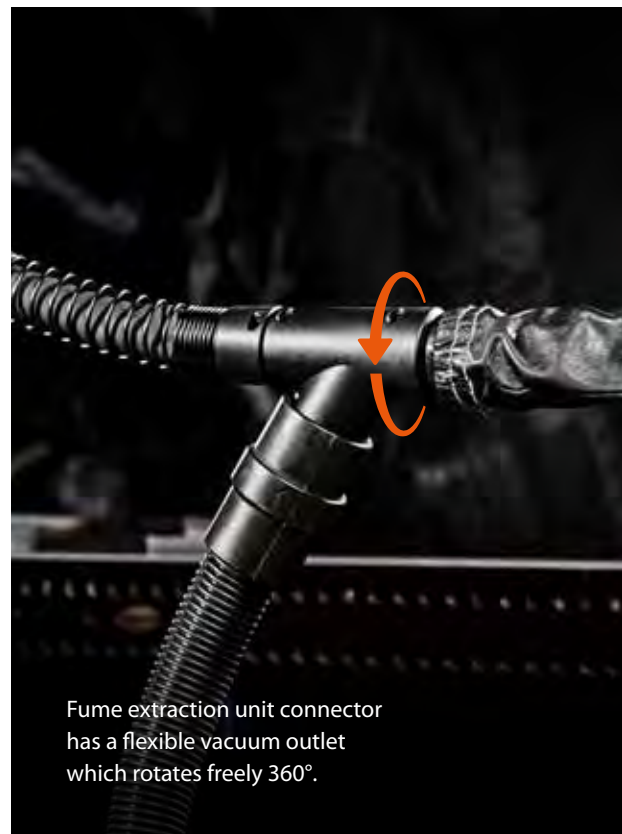
Combined safety and usability

In the Flexlite GF, safety has found its match in usability. The excellent ergonomics are one of the distinguishing features of our Flexlite product family and provide the welder with a comfort beyond comparison.

The Flexlite design lessens the welder fatigue, which leads to increased work quality and efficiency. An average welder spends around 20% of the working day holding a welding gun. The detachable pistol grip handle and a well-balanced gun shape make the work smoother and the gun so light that you do not have to worry about it. The flexible cable set goes up to 5 meters, and the ball-jointed cable protection offers additional comfort – you will be happy to hold the Flexlite GF.



The removable pistol grip handle makes welding position more natural and ergonomic. The pistol grip handle is included in the standard delivery specification.



Fume extraction unit connector has a flexible vacuum outlet which rotates freely 360°.

Risk minimized,

ERGONOMIC HANDLE DESIGN

An anatomically shaped handle with a firm grip. A modular trigger with few parts and simple wiring. The handle cover and trigger are quick and easy to change.

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. This lowers inventory costs and makes the Flexlite perfect for workshop cost management.

ADJUSTABLE VACUUM NOZZLE POSITION

The vacuum nozzle can be adjusted to three set positions to regulate the fume extraction airflow. Always optimized fume extraction for your welding job.

CONTACT TIP ADAPTER

The combined contact tip adapter and gas diffuser offer an improved gas shield with smooth laminar flow. The combination results in need for fewer consumables.

CONTACT TIP M10

Improved heat transfer helps with cooling. The contact tip bore is made by drilling, as a drilled hole is more concentric and accurate, and enables better fillets. Contact tips are marked according to the filler wire diameter, bore clearance class, and contact tip material type.

PISTOL GRIP HANDLE

The detachable pistol grip handle is available for all the models. It allows a natural wrist position, which makes working easier and more effortless, especially when doing long welds. It is quick to install without tools.



welding outperformed

● ADJUSTABLE VACUUM FLOW

The airflow bypass valve allows quick and easy adjustment of the extraction airflow during welding. The valve is ergonomically placed at the gun handle.

● SMART CABLE DESIGN

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

● SUPERB FUME EXTRACTION UNIT CONNECTOR

The connector has a flexible vacuum outlet which rotates freely 360°. This enables an easy connectivity to the fume extraction unit regardless of its placement. A leather cover for the vacuum hose is included as factory-installed in the package. A leather cover can also be supplied as a spare part with a Velcro-type fastener for easy installation. Flexible hoses increase ergonomics.

Consumables

 GF303G35, GF303G5

 GF303W35, GF303W5



A. Gas nozzle	
W014452	Ø 22
	Thread, L57 / OD22 / D14



E. Contact tip adapter	
W013203	M10, insulated



B. Vacuum nozzle	
SP020810	VACUUM NOZZLE GF 22 MM



F. Gun neck	
SP021213	G303
SP020926	W303



C. Vacuum Tube	
SP020077	VACUUM TUBE GF 45 DEG



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



D. Contact tip	
CT10C1SD001	1.0 C1 STD M10



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

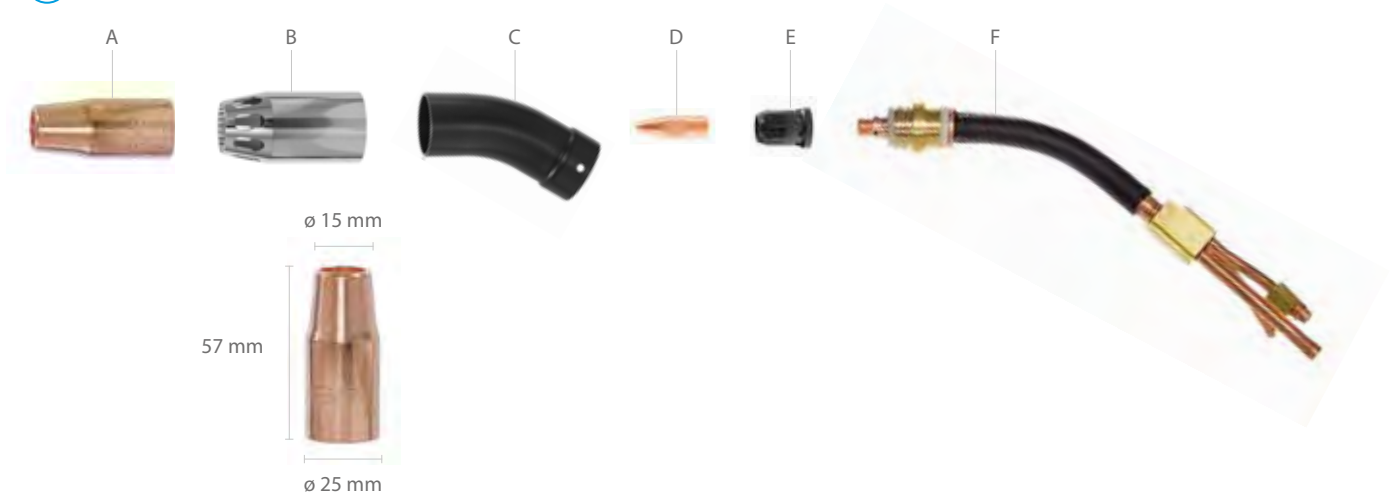
Consumables



GF403G35, GF403G5



GF403W35, GF403W5, GF403WCS5



A. Gas nozzle	Ø 25
W011478	Thread, L57 / OD25 / D15



B. Vacuum nozzle	
SP020253	VACUUM NOZZLE GF 25MM



Vacuum nozzle + gas nozzle assembly (For GF403WCS5)	
SP021260	VACUUM/GAS NOZZLE GF403WCS5



C. Vacuum Tube	
SP020077	VACUUM TUBE GF 45 DEG
SP020746	VACUUM TUBE GF 30 DEG



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



E. Contact tip adapter	
W013203	M10, insulated



F. Gun neck	
SP021316	G403
SP020159	W403
SP020159	W403CS



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, G
SP014606	End cap 4.9 mm, W

Factory-installed consumables

GAS-COOLED FLEXLITE GF WELDING GUNS

	CT10C1SD001	CT12C1SD001	W013203	W011478	W013628	W013632	SP016214
	CONTACT TIP 1.0 C1 STD M10	CONTACT TIP 1.2 C1 STD M10	CONTACT TIP ADAPTER, INSULATED	GAS NOZZLE, THREAD, L57 / OD25 / D15	WIRE LINER 0.9-1.2 FE / 3.5 M Ø 4.6 STEEL	WIRE LINER 0.9-1.2 FE / 5.0 M Ø 4.6 STEEL	END CAP 4.9 MM SEALED
GF303G35	●		●	●	●		●
GF303G5	●		●	●		●	●
GF403G35		●	●	●	●		●
GF403G5		●	●	●		●	●

WATER-COOLED FLEXLITE GF WELDING GUNS

	CT10C1SD001	CT12C1SD001	W013203	W014452	W011478	SP021260	W013628	W013632	SP014606
	CONTACT TIP 1.0 C1 STD M10	CONTACT TIP 1.2 C1 STD M10	CONTACT TIP ADAPTER, INSULATED	GAS NOZZLE, THREAD, L57 / OD22 / D14	GAS NOZZLE, THREAD, L57 / OD25 / D15	GAS/VACUUM NOZZLE	WIRE LINER 0.9-1.2 FE / 3.5 M Ø 4.6 STEEL	WIRE LINER 0.9-1.2 FE / 5.0 M Ø 4.6 STEEL	END CAP 4.9 MM
GF303W35	●		●	●			●		●
GF303W5	●		●	●				●	●
GF403W35	●		●		●		●		●
GF403W5	●		●		●			●	●
GF403WCS5		●	●			●		●	●

Technical data and ordering codes

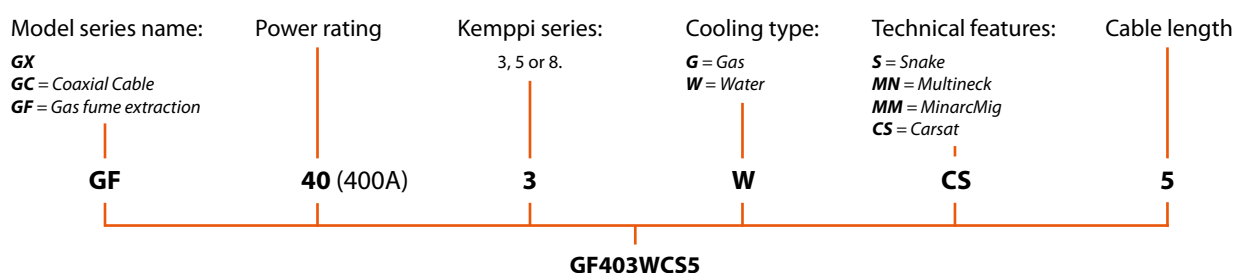
SERIES 3

Flexlite GF		303G	403G	303W	403W
Welding process		MIG/MAG	MIG/MAG	MIG/MAG	MIG/MAG
Contact tip		M10	M10	M10	M10
Type of cooling		Gas	Gas	Water	Water
Type of connection		Euro	Euro	Euro	Euro
Wire diameters (mm)		0.8–1.2	0.8–1.6	0.8–1.6	0.8–1.6
Load capacity (IEC 60974-7)					
35% / Ar + 18% CO ₂		300 A	400 A		
100% / Ar + 18% CO ₂				300 A	400 A
Capture efficiency (ISO 21904-3)					
Minimum extraction flow (m ³ /h)					
Pressure difference (Pa)					
Pistol grip handle		Yes	Yes	Yes	Yes
Remote control option		No	No	No	No
LED option		No	No	No	No
Rotating neck		No	No	No	No
Changeable neck		No	No	No	No
Ordering codes	3.5 m	GF303G35	GF403G35	GF303W35	GF403W35
	5 m	GF303G5	GF403G5	GF303W5	GF403W5 GF403WCSS

FLEXLITE GF MODELS

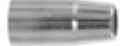
Series 3	page
Flexlite GF 303G Load capacity: 300A/35% Cooling: gas Length: 3.5 m / 5 m	54
Flexlite GF 403G Load capacity: 400A/35% Cooling: gas Length: 3.5 m / 5 m	55
Flexlite GF 303W Load capacity: 300A/100% Cooling: water Length: 3.5 m / 5 m	54
Flexlite GF 403W Load capacity: 400A/100% Cooling: water Length: 3.5 m / 5 m	55

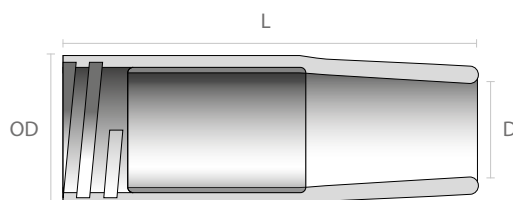
The name of a Flexlite welding gun tells its properties and use



General MIG consumables

Gas nozzles

	Product code	Description	Connection	L mm	OD mm	D mm	Coating	Insulation bush	Technical feature	Picture
ø 18, (20)	9580101	GAS NOZZLE	Socket	61	18	14	Nickel	-		
	958010101	GAS NOZZLE WITH INSULATING BUSH	Socket	61	18	14	Nickel	Yes		
	9580101E	GAS NOZZLE THICK WALL	Socket	61	20	14	Nickel	-	Thick wall	
ø 22	W014452	GAS NOZZLE THREAD, L57 / OD22 / D14	Thread	57	22	14	-	-		
	W015858	GAS NOZZLE THREAD, L60 / OD22 / D15	Thread	60	22	15	-	-		
	W021564	GAS NOZZLE, HD THREAD, L57 / OD22 / D14	Thread	57	22	14	Nickel	-	Thick wall, Heavy Duty	
	W021565	GAS NOZZLE, HD THREAD, L60 / OD22 / D14	Thread	60	22	14	Nickel	-	Thick wall, Heavy Duty	
ø 25	W011478	GAS NOZZLE THREAD, L57 / OD25 / D15	Thread	57	25	15	-	Yes		
	W013930	GAS NOZZLE THREAD, L61 / OD25 / D16	Thread	61	25	16	-	Yes		
	W012143	GAS NOZZLE THREAD, L61 / OD25 / D19	Thread	61	25	19	-	Yes		
	W021173	GAS NOZZLE HD THREAD, L57 / OD25 / D15	Thread	57	25	15	Nickel	Yes	Thick wall, Heavy Duty	
	W021179	GAS NOZZLE HD THREAD, L61 / OD25 / D16	Thread	61	25	16	Nickel	Yes	Thick wall, Heavy Duty	
	W011958	GAS NOZZLE THREAD, L51 / OD25 / D12, ROOT	Thread	51	25	12	-	-	Root	
	W011953	GAS NOZZLE THREAD, L102 / OD25 / D10, NARROW GAP	Thread	102	25	10	-	-	Narrow gap	
ø 28	W011472	GAS NOZZLE THREAD, L60 / OD28 / D15	Thread	60	28	15	-	Yes		
	W013931	GAS NOZZLE THREAD, L64 / OD28 / D17	Thread	64	28	17	-	Yes		
	W012146	GAS NOZZLE THREAD, L64 / OD28 / D21	Thread	64	28	21	-	Yes		
	W021182	GAS NOZZLE HD THREAD, L60 / OD28 / D15	Thread	60	28	15	Nickel	Yes	Thick wall, Heavy Duty	
	W021186	GAS NOZZLE HD THREAD, L64 / OD28 / D17	Thread	64	28	17	Nickel	Yes	Thick wall, Heavy Duty	
ø 30	W012793	GAS NOZZLE THREAD, L64 / OD30 / D17	Thread	64	30	17	-	Yes		



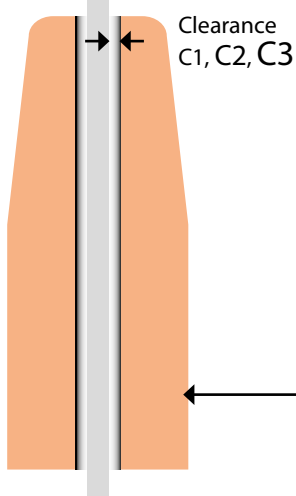
Contact tips

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

→ ← Filler wire Ø 0.8 ... 2.4 Each filler wire diameter includes three clearance class options:



C1 = Small --> Kemppi recommendation for Ferrous wires

C2 = Medium --> Kemppi recommendation for Stainless wires

C3 = Large --> Kemppi recommendation for Aluminium wires

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.

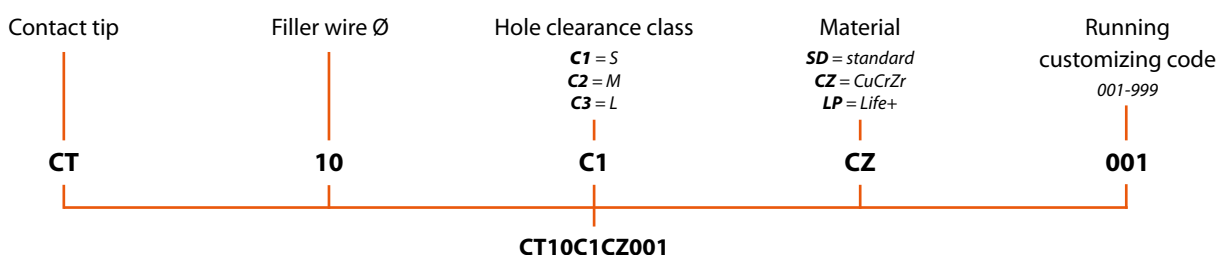
Material options:

Standard

CuCrZr = longer life time especially with short and globular arc applications

Life+ = longer life time especially with globular and spay arc applications

Item code



Contact tips, STD



Contact tips, CRZR



Contact tips, LIFE+



Contact tips, narrow gap



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
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
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
CT10C1SD004	1.0	C1	STD	M10
CT12C1SD004	1.2	C1	STD	M10

GUN NECK COMPATIBILITY TABLE

● = Standard delivery ○ = Accessory

Gas-cooled necks 			GX 253 G GX 255 G	GX 203 G GX 205 G	GX 303 G GX 305 G	GX 403 G GX 405 G	GC 223 G MM	GC 253 G	GC 323 G	GF 303 G	GF 403 G
SP014695	NECK 250G, GX		●	○	○	○					
SP014682	NECK 200G, GX		○	●	○	○					
SP013786	NECK 300G, GX		○	○	●	○					
SP014666	NECK 400G, GX		○	○	○	●					
SP020428	NECK 300G, GC								●		
SP4153040	NECK 250G, GC						●	●	○		
SP021213	NECK 300G, GF									●	
SP021316	NECK 400G, GF										●

Water-cooled necks 			GX 303 W GX 305 W	GX 403 W GX 405 W GX 428 W	GX 503 W GX 505 W GX 528 W	GX 605 W GX 608 W	GF 303 W	GF 403 W	GF 403 W CS
SP014957	NECK 300W, GX		●	○	○	○			
SP012594	NECK 420W, GX		○	●	○	○			
SP013770	NECK 420W LONG L=250, GX		○	●	○	○			
SP012561	NECK 520W, GX		○	○	●	○			
SP013778	NECK 520W LONG L=250, GX		○	○	●	○			
SP012776	NECK 600W LONG L=250, GX		○	○	○	●			
SP020926	NECK 300W, GF						●		
SP020159	NECK 400W, GF							●	
SP021188	NECK 400W CS, GF								●

Multi necks 			GX 208 G MN	GX 305 G MN GX 308 G MN	GX 408 G MN
SP012415	NECK 200G MN, GX		●	●*	○
SP012416	NECK 300G MN, GX		●	●	○
SP012417	NECK 400G MN, GX		○	○	●
SP021121	NECK 300G MN STRAIGHT L=200, GX		○	○	○
SP017001	NECK 300G MN STRAIGHT L=600, GX		○	○	○

* Only GX 308 G MN



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 FLEXLITE GX 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).
W021694	DL Chili	6	1.0-1.2	Ss (Fe)	W	For L250mm neck, Best suited for Ss, works also for Fe
W021695	DL Chili	8	1.0-1.2	Ss (Fe)	W	For L250mm neck, Best suited for Ss, works also for Fe
W021696	DL Chili	6	1.2	Al (Ss)	W	For L250mm neck, Best suited for Al (1.2)
W021697	DL Chili	8	1.2	Al (Ss)	W	For L250mm neck, Best suited for Al (1.2)
W021063	Steel	6	1.0-1.2	Fe	G / W	Steel spiral only for Fe use. Chili is strongly recommended for 6m and 8m S-guns
W021065	Steel	6	1.2-1.6	Fe	G / W	Steel spiral only for Fe use. Chili is strongly recommended for 6m and 8m S-guns
W021071	Steel	8	1.0-1.2	Fe	G / W	Steel spiral only for Fe use. Chili is strongly recommended for 6m and 8m S-guns

WIRE LINERS FOR FLEXLITE MIG GUNS (SERIES 3, 5 AND 8)

Ordering code	Liner type	Length, m	Wire Ø, mm	Material	Cooling	Note
4307650	Steel	3		Fe	G / W	MinarcMig
4307660	DL Chili	3	0.6-1.0	Fe	G / W	MinarcMig
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	Al, 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	Al, Ss, Fe	W	
W013613	DL Chili	5	0.8	Al, 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	Al, Ss, Fe	W	
W013637	DL Chili	3.5	0.9-1.0	Al	W	
W013638	DL Chili	3.5	1.2	Al	W	
W013641	DL Chili	5	0.9-1.0	Al	W	
W013642	DL Chili	5	1.2	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	
4188573	Steel	3.5	0.6-0.8	Fe	G	GC
4188576	Steel	5	0.6-0.8	Fe	G	GC
W006453	Steel	3.5	0.9-1.2	Fe	G	GC
W006454	Steel	5	0.9-1.2	Fe	G	GC
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 FLEXLITE GX MULTINECK MODELS

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

Kempfi wire guide tubes facilitate installation and tightening of the wire liner into its correct position. The end cap for gas-cooled models includes sealing to prevent gas leakage and improve shielding gas coverage.

WIRE GUIDE TUBES FOR EURO CONNECTOR MIG GUNS (SERIES 3 AND 5)

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

WIRE GUIDE TUBES FOR KEMPFI CONNECTOR MIG GUNS (SERIES 8)

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

MIG consumable kits



MG000601	Consumable KIT Basic STD M6	Qty
CT08C1SD003	CONTACT TIP 0.8 C1 STD M6	10
CT10C1SD003	CONTACT TIP 1.0 C1 STD M6	5
9591079	INSULATING RING NECK, PMT25	2
95801010	GAS NOZZLE WITH INSULATOR, PMT25	2
9580173	CONTACT TIP ADAPTER MT18, 25	2

MG001001	Consumable KIT Basic STD M10, wire 1.0, nozzle Ø25	Qty
CT10C1SD001	CONTACT TIP 1.0 C1 STD M10	5
CT10C2SD001	CONTACT TIP 1.0 C2 STD M10	5
CT10C3SD001	CONTACT TIP 1.0 C3 STD M10	5
W013930	GAS NOZZLE THREAD L=61 / Ø16 / OD25	2
W013203	CONTACT TIP ADAPTER M10X1 INSULATED	2

MG001002	Consumable KIT Basic STD M10, wire 1.0, nozzle Ø28	Qty
CT10C1SD001	CONTACT TIP 1.0 C1 STD M10	5
CT10C2SD001	CONTACT TIP 1.0 C2 STD M10	5
CT10C3SD001	CONTACT TIP 1.0 C3 STD M10	5
W013931	GAS NOZZLE THREAD L=64 / Ø17 / OD28	2
W013203	CONTACT TIP ADAPTER M10X1 INSULATED	2

MG001003	Consumable KIT Basic STD M10, wire 1.2, nozzle Ø25	Qty
CT12C1SD001	CONTACT TIP 1.2 C1 STD M10	5
CT12C2SD001	CONTACT TIP 1.2 C2 STD M10	5
CT12C3SD001	CONTACT TIP 1.2 C3 STD M10	5
W013930	GAS NOZZLE THREAD L=61 / Ø16 / OD25	2
W013203	CONTACT TIP ADAPTER M10X1 INSULATED	2

MG001004	Consumable KIT Basic STD M10, wire 1.2, nozzle Ø28	Qty
CT12C1SD001	CONTACT TIP 1.2 C1 STD M10	5
CT12C2SD001	CONTACT TIP 1.2 C2 STD M10	5
CT12C3SD001	CONTACT TIP 1.2 C3 STD M10	5
W013931	GAS NOZZLE THREAD L=64 / Ø17 / OD28	2
W013203	CONTACT TIP ADAPTER M10X1 INSULATED	2

MG001005	Consumable KIT HD LIFE+ M10, wire 1.0, nozzle Ø25	Qty
CT10C1LP002	CONTACT TIP 1.0 C1 LIFE+ M10	5
CT10C2LP002	CONTACT TIP 1.0 C2 LIFE+ M10	5
CT10C3LP002	CONTACT TIP 1.0 C3 LIFE+ M10	5
W021179	GAS NOZZLE HD, THREAD, L61 / OD25 / D16	2
W013203	CONTACT TIP ADAPTER M10X1 INSULATED	2

MG001006	Consumable KIT HD LIFE+ M10, wire 1.0, nozzle Ø28	Qty
CT10C1LP002	CONTACT TIP 1.0 C1 LIFE+ M10	5
CT10C2LP002	CONTACT TIP 1.0 C2 LIFE+ M10	5
CT10C3LP002	CONTACT TIP 1.0 C3 LIFE+ M10	5
W021186	GAS NOZZLE HD, THREAD, L64 / OD28 / D17	2
W013203	CONTACT TIP ADAPTER M10X1 INSULATED	2

MG001007	Consumable KIT HD LIFE+ M10, wire 1.2, nozzle Ø25	Qty
CT12C1LP002	CONTACT TIP 1.2 C1 LIFE+ M10	5
CT12C2LP002	CONTACT TIP 1.2 C2 LIFE+ M10	5
CT12C3LP002	CONTACT TIP 1.2 C3 LIFE+ M10	5
W021179	GAS NOZZLE HD, THREAD, L61 / OD25 / D16	2
W013203	CONTACT TIP ADAPTER M10X1 INSULATED	2

MG001008	Consumable KIT HD LIFE+ M10, wire 1.2, nozzle Ø28	Qty
CT12C1LP002	CONTACT TIP 1.2 C1 LIFE+ M10	5
CT12C2LP002	CONTACT TIP 1.2 C2 LIFE+ M10	5
CT12C3LP002	CONTACT TIP 1.2 C3 LIFE+ M10	5
W021186	GAS NOZZLE HD, THREAD, L64 / OD28 / D17	2
W013203	CONTACT TIP ADAPTER M10X1 INSULATED	2