



**Welding & Cutting Torch Technology**

## **Product Catalogue**

**Proline Tig Series**

**EU/UK / USA Terminations**



## About Us

Uniarc is part of a group of companies specializing in the production of Welding and Cutting torches.

With over 40 years experience, the group is positioned as a global leader at the heart of the welding torch industry.

Originally established in the United Kingdom in the 1980's, the company is now a fully-fledged, vertically integrated Chinese product innovator and manufacturer.

Our customers span a full cross section of the industry, ranging from general distribution to leading global original equipment manufacturers.

Our products are used in a broad cross-section of industrial sectors ranging from auto body repair to ship building.

Whether you need a standard off the shelf product or a customized branded option with your own colours, logos and packaging we have a one stop solution for your requirements.

Our team are here to help, contact us today if you need anymore information.



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# Proline Tig Torch Range

## EU/UK Terminations



Proline Tig Range - EU/UK 2

Proline Tig Range - USA 19

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### Consumable parts

All wear and spare parts are fully interchangeable with the OEM.

### Torch Heads

All Proline Tig Torch Heads are 100% Weldcraft® interchangeable.

### Options Include:

- Standard
- Flexible

### Handles

Ergonomically designed to rest in the natural contours of the hand.

### Rear-End Terminations

An extensive range of alternate Terminations ensures worldwide compatibility

### Introduction

A highly aesthetic entry level product created with focus on price point from lower power ratings

### Switches

Fitted with a microswitch as standard with an optional blank cover.

### Knuckle Joint

Small movements of the handle and neck are possible independent of the cable assembly.



### Cable Systems

PVC power cable, gas and water hoses are colour-coded for ease of identification and protected with a full length neoprene sheath.





# Proline Liquid-Cooled Tig Torch Range

## Features Focus

### Torch Heads

All Proline Ergo Tig Torch Heads are 100% Weldcraft interchangeable.

### Handles

Ergonomically designed to rest in the natural contours of the hand.

### Knuckle Joint

Small movements of the handle and neck are possible independent of the cable assembly.



### Rear-End Terminations

An extensive range of alternate Terminations ensures worldwide compatibility



### Consumable parts

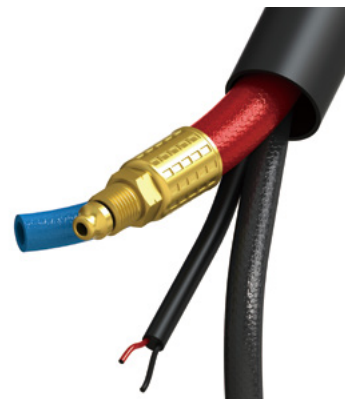
All wear and spare parts are fully interchangeable with the OEM.

### Switches

Fitted with a microswitch as standard with an optional blank cover.

### Cable Systems

PVC power cable, gas and water hoses are colour-coded for ease of identification and protected with a full length neoprene sheath.



## Proline Air-Cooled Tig Torch Range

Ratings: 110 Amp to 410 Amp



Technical Data	PL9	PL17	PL26
Cooling Method	Air-Cooled	Air-Cooled	Air-Cooled
Rating: DC	110A	135A	180A
Rating: AC	80A	95A	125A
Duty Cycle:	35%	35%	35%
Electrode Size:	1.0-2.4	1.0-3.2	1.0-4.0
Water cooling min. flow rate	-	-	-
Minimum water inlet pressure	-	-	-
Maximum water inlet pressure	-	-	-
Maximum water inlet	-	-	-
Minimum cooling power	-	-	-

Order Codes	3.5mt	PL9-K1-4-EPC1	PL17-K1-4-EPC1	PL26-K1-4-EPC1
	7mt	PL9-K1-8-EPC1	PL17-K1-8-EPC1	PL26-K1-8-EPC1

# Proline Liquid-Cooled Tig Torch Range

Ratings: 110 Amp to 410 Amp



**Technical Data**

Cooling Method

Rating: DC

Rating: AC

Duty Cycle:

Electrode Size:

Water cooling min. flow rate

Minimum water inlet pressure

Maximum water inlet pressure

Maximum water inlet

Minimum cooling power

**PL20**

Liquid-Cooled

225A

160A

60%

1.0-3.2

1.0 l/min

2.0 Bar

5.0 Bar

50°C

600W

**PL18**

Liquid-Cooled

380A

270A

60%

1.0-4.0

1.0 l/min

2.0 Bar

5.0 Bar

50°C

800W

**PL18SC**

Liquid-Cooled

410A

290A

60%

1.0-4.8

1.0 l/min

2.0 Bar

5.0 Bar

50°C

900W

**Order Codes**

**3.5mt**

PL20-K1-4-EPC1-WF3-GS1

PL18-K1-4-EPC1-WF3-GS1

PL18SC-K1-4-EPC1-WF3-GS1

**7mt**

PL20-K1-8-EPC1-WF3-GS1

PL18-K1-8-EPC1-WF3-GS1

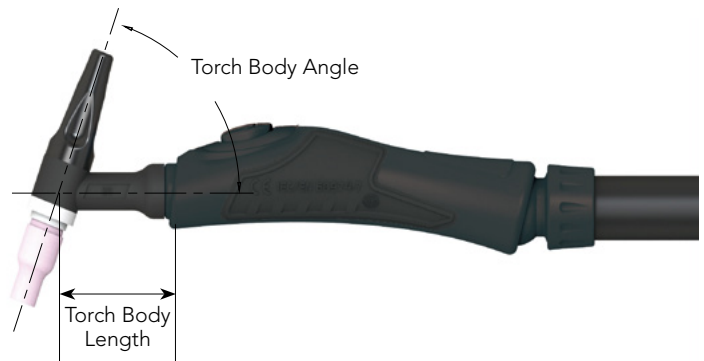
PL18SC-K1-8-EPC1-WF3-GS1

## Proline Tig Torch Range

### Torch Body Options

Proline Ergo Tig Torch Heads are 100% Weldcraft® OEM interchangeable.

High temperature resistant silicon rubber provides a lightweight and durable outer cover which combined with all copper components ensures cooler running temperatures and maximum current capacity.



## Air-Cooled Series

### Proline PL9 Series Torch Body Options

0.040" - 3/32"/1.0mm-2.4mm electrodes.

Rating: 110A DC, 80A AC, @ 35%

#### UEWP9



Angle=70°  
Length=44

### Proline PL17 Series Torch Body Options

0.040" - 1/8"/1.0mm-3.2mm electrodes.

Rating: 135A DC, 95A AC, @ 35%

#### UEWP17



Angle=70°  
Length=63

#### UEWP17FX



Angle=70°  
Length=63

### Proline PL26 Series Torch Body Options

0.040" - 5/32"/1.0mm-4.0mm electrodes.

Rating: 180A DC, 125A AC, @ 35%

#### UEWP26



Angle=70°  
Length=77

#### UEWP26FX



Angle=70°  
Length=77

#### UEWP26VFX



Angle=70°  
Length=81

## Liquid-Cooled Series

### Proline PL20 Series Torch Body Options

0.040" - 1/8"/1.0mm-3.2mm electrodes.

Rating: 225A DC, 160A AC, @ 60%

#### UEWP20



Angle=70°  
Length=44

### Proline PL18 Series Torch Body Options

0.040" - 5/32"/1.0mm-4.0mm electrodes.

Rating: 380A DC, 270A AC, @ 60%

#### UEWP18



Angle=60°  
Length=70

#### UEWP18FX



Angle=60°  
Length=70

### Proline PL18SC Series Torch Body Options

0.040" - 5/32"/1.0mm-4.0mm electrodes.

Rating: 410A DC, 290A AC, @ 60%

#### UCWP18SC



Angle=65°  
Length=79



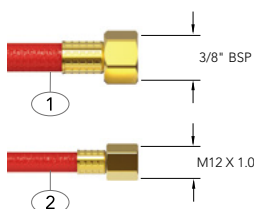
# Proline Tig Torch Range

## EU/UK Terminations

### Air-Cooled



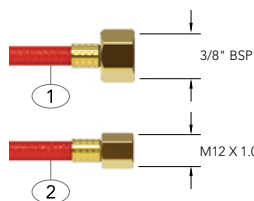
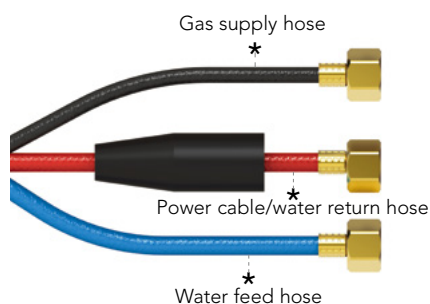
Power Cable / Gas Supply Hose



#### # Power Cable / Gas Supply Hose

Part Number	Description
1 EPC1	Power Cable c/w 3/8" BSP
2 EPC2	Power Cable c/w M12 x 1.0

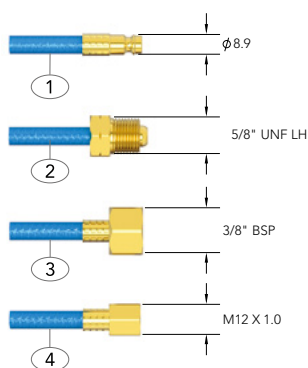
### Liquid-Cooled



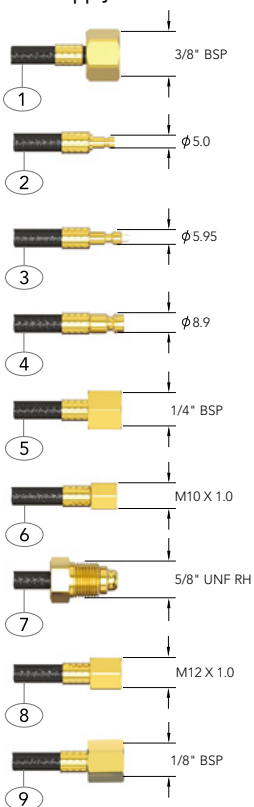
#### # Power Cable / Water Return Hose

Part Number	Description
1 EPC1	Power Cable c/w 3/8" BSP
2 EPC2	Power Cable c/w M12 x 1.0

#### Water Feed Connection Options



#### Gas Supply Hose



#### # Water Feed Hose

Part Number	Description
1 WF1	Water Feed Hose c/w 8.9mm Quick Fit
2 WF2	Water Feed Hose c/w 5/8" UNF LH
3 WF3	Water Feed Hose c/w 3/8" BSP
4 WF4	Water Feed Hose c/w M12 x 1.0

#### # Gas Supply Hose

Part Number	Description
1 GS1	Gas Supply Hose c/w 3/8" BSP
2 GS2	Gas Supply Hose c/w 5.0mm Quick Fit
3 GS3	Gas Supply Hose c/w 5.95mm Quick Fit
4 GS4	Gas Supply Hose c/w 8.9mm Quick Fit
5 GS5	Gas Supply Hose c/w 1/4" BSP
6 GS6	Gas Supply Hose c/w M10 x 1.0
7 GS7	Gas Supply Hose c/w 5/8" UNF RH
8 GS8	Gas Supply Hose c/w M12 x 1.0
9 GS9	Gas Supply Hose c/w 1/8" BSP

## Proline Tig Torch Range

### Handles and Switches

Two sizes of ergonomic handle are utilized for the range.

Torch packages are supplied with a 2 core (non shielded) switch wire assembly and a momentary switch as standard.

Torch packages can be ordered with or without switches.



Part Number	Description
1 UERBS	Blank Kit



Part Number	Description
2 PT1MS_BF	ECE Momentary Kit

# Proline Tig Torch Range

## Dinse Style Cable Adaptors

## MSL Cable Adaptors-UK Series 3/8" BSP Connection

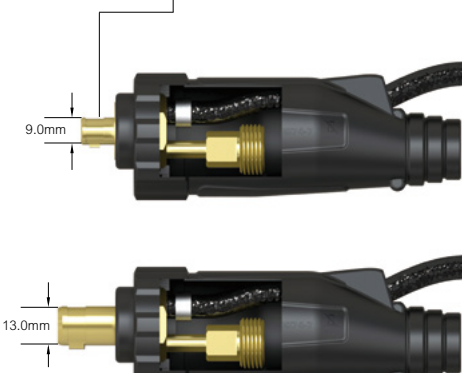
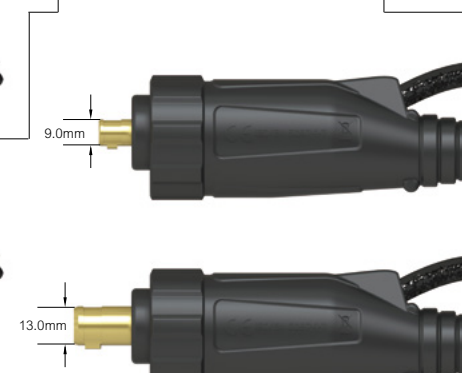
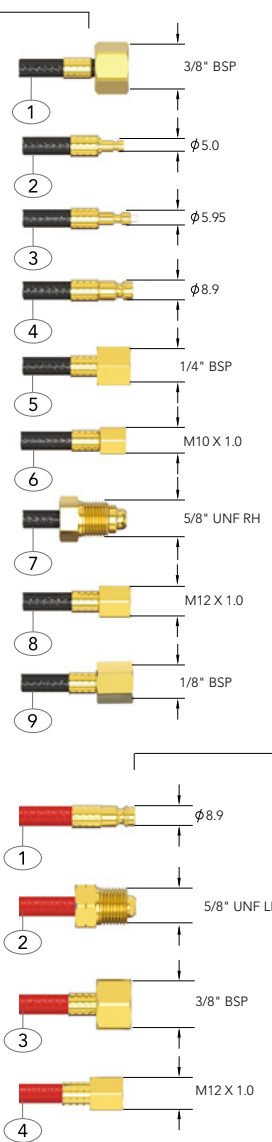
### Ordering Information

Termination option part numbering is configured using the simple 4 stage system outlined below.

1. Select the Plug Type
2. Select the Power Cable Termination Type
3. Select the Support Bore Size
4. Select the Gas / Water Connector Type

### Example: ML1025-38BSP-M-GS1

ML 16mm Dinse Type Connector For a WP9 Power Cable With 3/8" BSP Gas Connection.

Step 1 Plug Type		Step 2 Bore Size		Step 3 Gas Connections    Water return Connections	
					
<b>Part No.</b>	<b>Description</b>	<b>Part No.</b>	<b>Description</b>	<b>Part No.</b>	<b>Description</b>
ML 1025	16mm Standard Power Adaptor With 9/16" UNF Power Cable Connection	GS1	Gas Supply Hose c/w 3/8" BSP	1	3/8" BSP
ML 1025-38BSP	16mm Power Adaptor With 3/8" BSP EU/UK Power Cable Connection	GS2	Gas Supply Hose c/w 5.0mm Quick Fit	2	φ 5.0
ML 1025-38UNF	16mm Power Adaptor With 3/8" UNF USA Power Cable Connection	GS3	Gas Supply Hose c/w 5.95mm Quick Fit	3	φ 5.95
ML 1025-M12	16mm Power Adaptor With M12X1.0 European Power Cable Connection	GS4	Gas Supply Hose c/w 8.9mm Quick Fit	4	φ 8.9
ML 3550	35mm Standard Power Adaptor With 9/16" UNF Power Cable Connection	GS5	Gas Supply Hose c/w 1/4" BSP	5	1/4" BSP
ML 3550-38BSP	35mm Power Adaptor With 3/8" BSP EU/UK Power Cable Connection	GS6	Gas Supply Hose c/w M10 x 1.0	6	M10 X 1.0
ML 3550-38UNF	35mm Power Adaptor With 3/8" UNF USA Power Cable Connection	GS7	Gas Supply Hose c/w 5/8" UNF RH	7	5/8" UNF RH
ML 3550-M12	35mm Power Adaptor With M12X1.0 European Power Cable Connection	GS8	Gas Supply Hose c/w M12 x 1.0	8	M12 X 1.0
		GS9	Gas Supply Hose c/w 1/8" BSP	9	1/8" BSP
<b>Part No.</b>	<b>Description</b>	<b>Model</b>	<b>Part No.</b>	<b>Description</b>	
S	Bore 10mm	20/24W/250M/225F	WR1	Water Feed Hose c/w 8.9mm Quick Fit	1
M	Bore 13mm	9/17/18/18SC/125M	WR2	Water Feed Hose c/w 5/8" UNF LH	2
L	Bore 16mm	26	WR3	Water Feed Hose c/w 3/8" BSP	3
			WR4	Water Feed Hose c/w M12 x 1.0	4

## Proline Tig Torch Range

### Switch Wire Plugs



#### Kit Order Codes

Part Number	Description
UERP0	2 Pin Amphenol Plug

#### Kit Order Codes

Part Number	Description
UERP1	4 Pin Amphenol Plug

#### Kit Order Codes

Part Number	Description
UERP2	5 Pin Amphenol Plug

#### Kit Order Codes

Part Number	Description
UERP3	6 Pin Amphenol Plug

#### Kit Order Codes

Part Number	Description
UERP4	14 Pin Amphenol Plug

#### Kit Order Codes

Part Number	Description
UERP6-5	5 Pin Amphenol Plug

#### Kit Order Codes

Part Number	Description
UERP7	3 Pin Tuchel Plug

#### Kit Order Codes

Part Number	Description
UERP8	9 Pin Tuchel Plug

#### Kit Order Codes

Part Number	Description
UERP9	5 Pin Tuchel Plug

#### Kit Order Codes

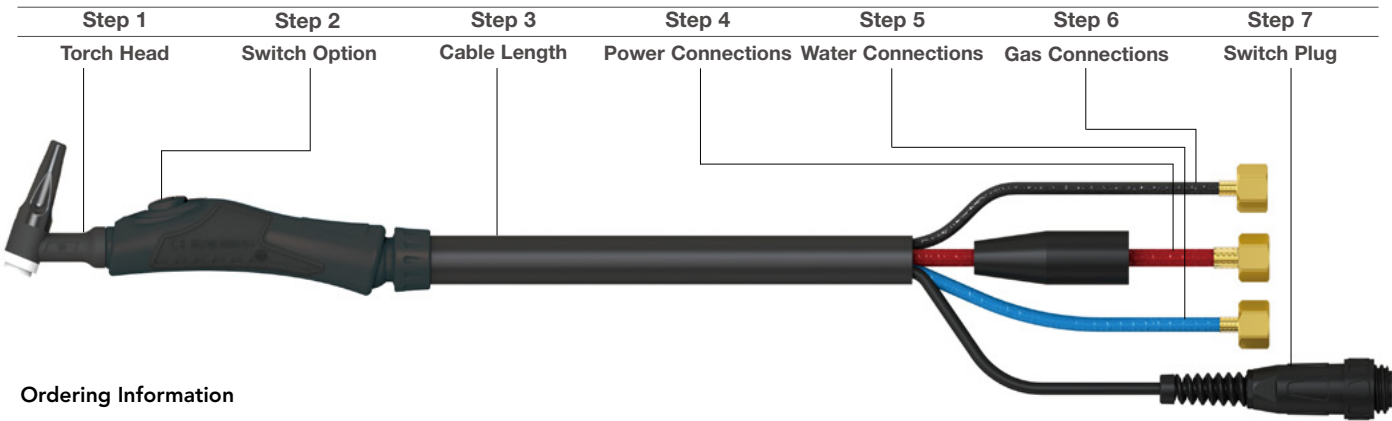
Part Number	Description
UERP11	7 Pin Uniarc Plug

#### Kit Order Codes

Part Number	Description
UXS12-J3P	3 Pin Plug

# Proline Tig Torch Range

## Torch Package Configurator



### Ordering Information

Torch package part numbering is configured using the simple 7 stage system outlined below.

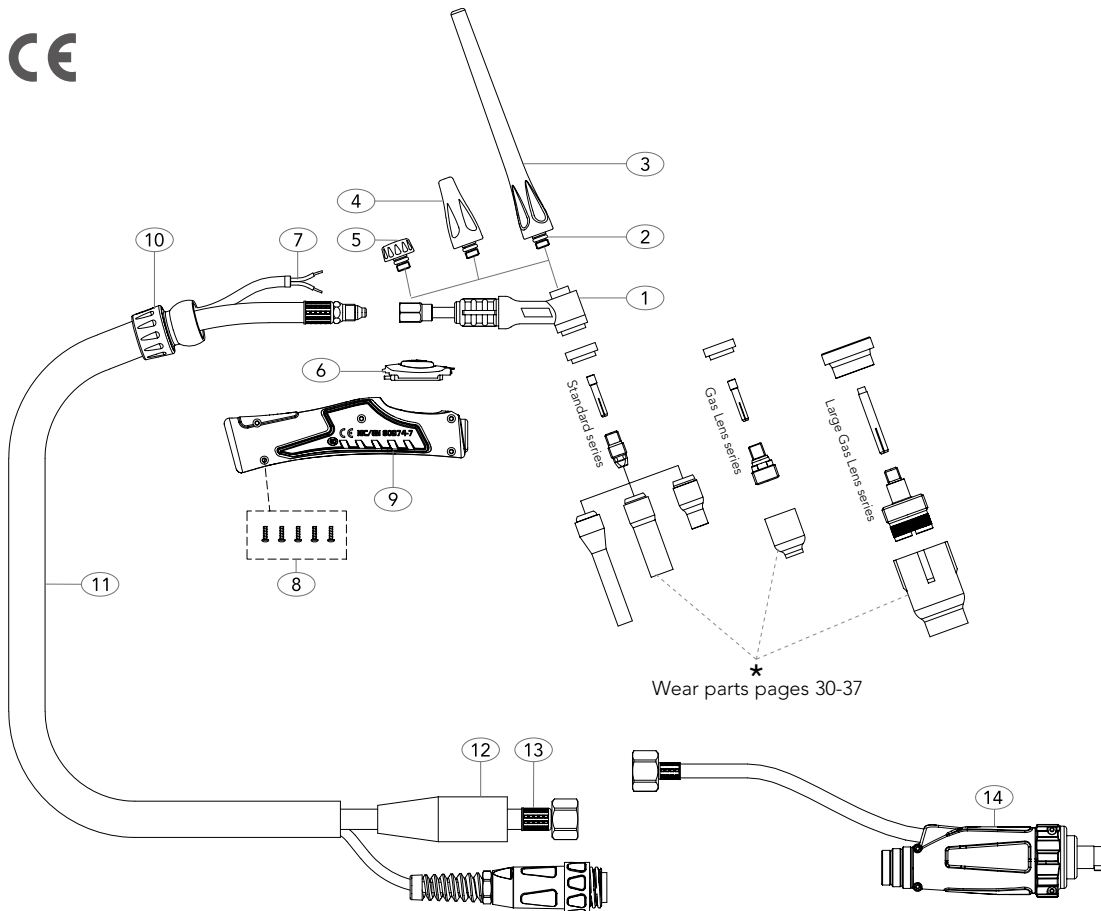
1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the power cable termination required
5. Select the correct water connections
6. Select the correct gas connections
7. Add a Cable Plug if required

### Example:- PL18FX-K1-4-EPC1-WF1-GS5-UERCP0

Proline PL18FX Ergo Torch x 3.5mt with momentary switch, 3/8" BSP power, Quick Fit Water, 1/4" BSP Gas and 2 pin amphenol plug.

	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	
	Torch Head	Switch Option	Cable Length	Power Connections	Liquid Connections	Gas Connections	Switch Plug	
Air-Cooled	<b>Part No.</b>	<b>Description</b>	<b># Power Cable / Water Return Hose</b>				<b>Part No.</b>	<b>Description</b>
	PL9	110A DC	<b>Part Number</b>	<b>Description</b>			UERCP0	2 Pin Amphenol Plug
	PL17	135A DC	EPC1	Power Cable c/w 3/8" BSP			UERCP1	4 Pin Amphenol Plug
	PL17FX	135A DC FLEX	EPC2	Power Cable c/w M12 x 1.0			UERCP2	5 Pin Amphenol Plug
	PL26	180A DC	<b>NOTE: See page 7 for EU/UK terminations explanation</b>				UERCP3	6 Pin Amphenol Plug
	PL26FX	180A DC FLEX	EPC1-ML#-#-#-#	MSL Cable Adaptor			UERCP4	14 Pin Amphenol Plug
	PL26VFX	180A DC VALVE FLEX	EPC2-ML#-#-#-#	MSL Cable Adaptor			UERCP6-5	5 Pin Amphenol Plug
Liquid-Cooled	PL20	225A DC	<b>NOTE: See page 9 for MSL cable adaptor explanation</b>				UERCP7	3 Pin Tuchel Plug
	PL18	380A DC	<b># Water Feed Hose</b>				UERCP8	9 Pin Tuchel Plug
	PL18FX	380A DC FLEX	<b>Part Number</b>	<b>Description</b>			UERCP9	5 Pin Tuchel Plug
	PL18SC	410A DC	WF1	Liquid Feed Hose c/w 8.9mm Quick Fit			UERCP11	7 Pin Uniarc Plug
			WF2	Liquid Feed Hose c/w 5/8" UNF LH			UXS12-J3P	3 Pin Plug
			WF3	Liquid Feed Hose c/w 3/8" BSP			<b>NOTE: See page 10 for cable plugs explanation</b>	
			WF4	Liquid Feed Hose c/w M12 x 1.0				
			<b>NOTE: See page 7 for EU/UK terminations explanation</b>					
			<b># Gas Supply Hose</b>					
	<b>Part No.</b>	<b>Description</b>	<b>Part Number</b>	<b>Description</b>				
	N	Blank Kit - No Trigger	GS1	Gas Supply Hose c/w 3/8" BSP				
	K1	ECE Momentary Kit	GS2	Gas Supply Hose c/w 5.0mm Quick Fit				
	<b>NOTE: See page 8 for switches explanation</b>		GS3	Gas Supply Hose c/w 5.95mm Quick Fit				
			GS4	Gas Supply Hose c/w 8.9mm Quick Fit				
			GS5	Gas Supply Hose c/w 1/4" BSP				
			GS6	Gas Supply Hose c/w M10 x 1.0				
			GS7	Gas Supply Hose c/w 5/8" UNF RH				
			GS8	Gas Supply Hose c/w M12 x 1.0				
			GS9	Gas Supply Hose c/w 1/8" BSP				
			<b>NOTE: See page 7 for EU/UK terminations explanation</b>					
			<b>Part No.</b>	<b>Description</b>				
			4	3.5mt Cables PVC				
			8	7mt Cables PVC				





#### MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL9-K1-4-EPC1	PL9-K1-8-EPC1

#### SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP9	Torch Body Standard	12 U0315071	Insulation Boot
2 U98W77	Back Cap 'O' Ring	13 *PL57Y01-EPC #	Power Cable x 3.5mt PVC
3 UC41V24	Back Cap Long	*PL57Y03-EPC #	Power Cable x 7mt PVC
4 UC41V35	Back Cap Medium	14 UML3550-38BSP-M-GS #	Power Adaptor 3/8" BSP
5 UC41V33	Back Cap Short		
6 PT1MS_BF	ECE Momentary Kit		
7 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
8 UERSP1	Screw Pack		
9 PLH100_BBK	Small Tig Handle		
10 PT_ERKJ100	Small Knuckle Joint		
11 PL100-40	Neoprene Cover Assembly x 3.5mt		
PL100-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable assemblies are specified by utilizing the part number and a termination suffix configured from the appropriate termination table on page 11.

**Example: PL57Y01-EPC1**  
Power Cable c/w 3/8" BSP Fitting

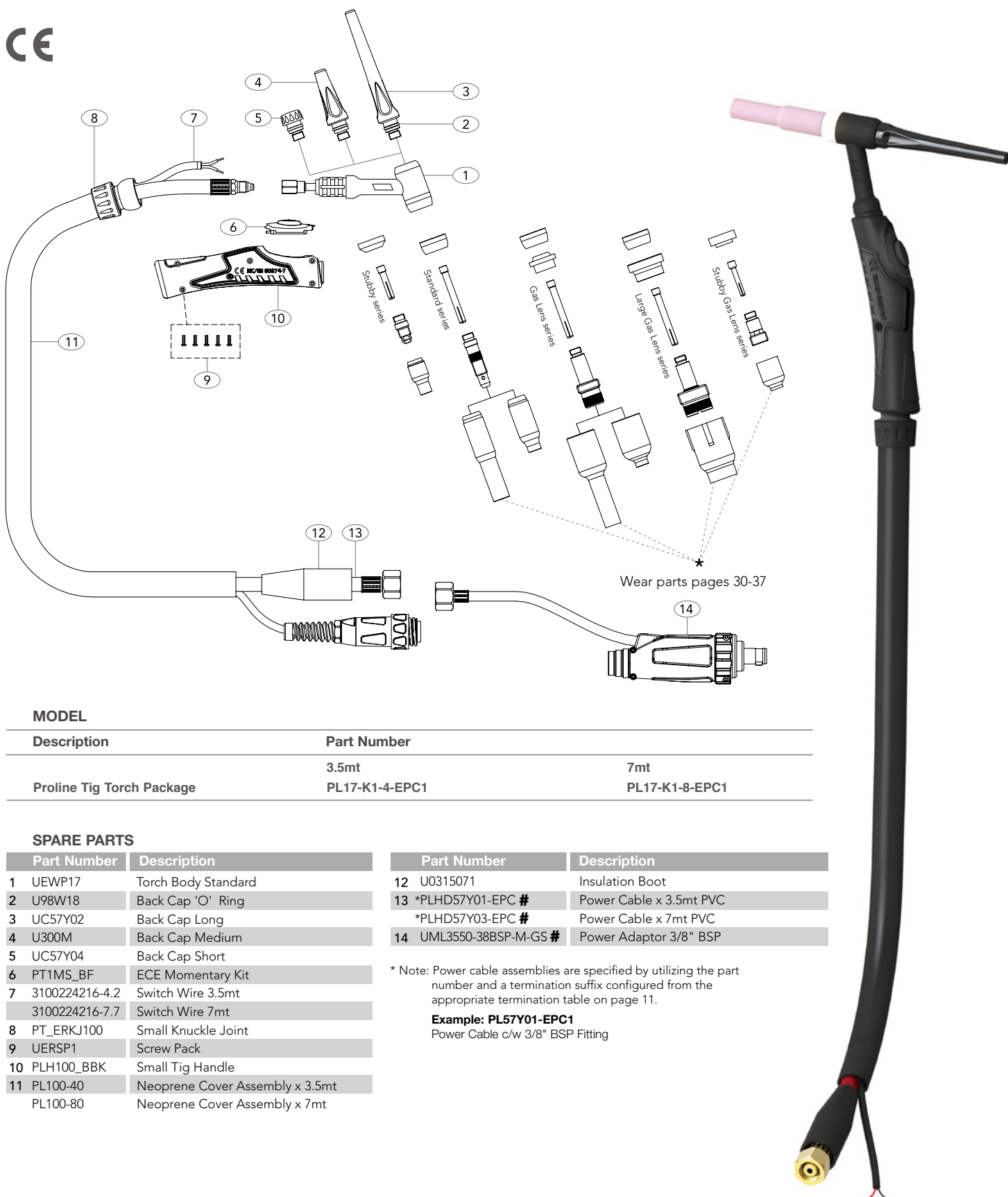
Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant



# PL17 Air-Cooled Tig Welding Torch

Rating: 135A DC, 95A AC @35% duty cycle.



## MODEL

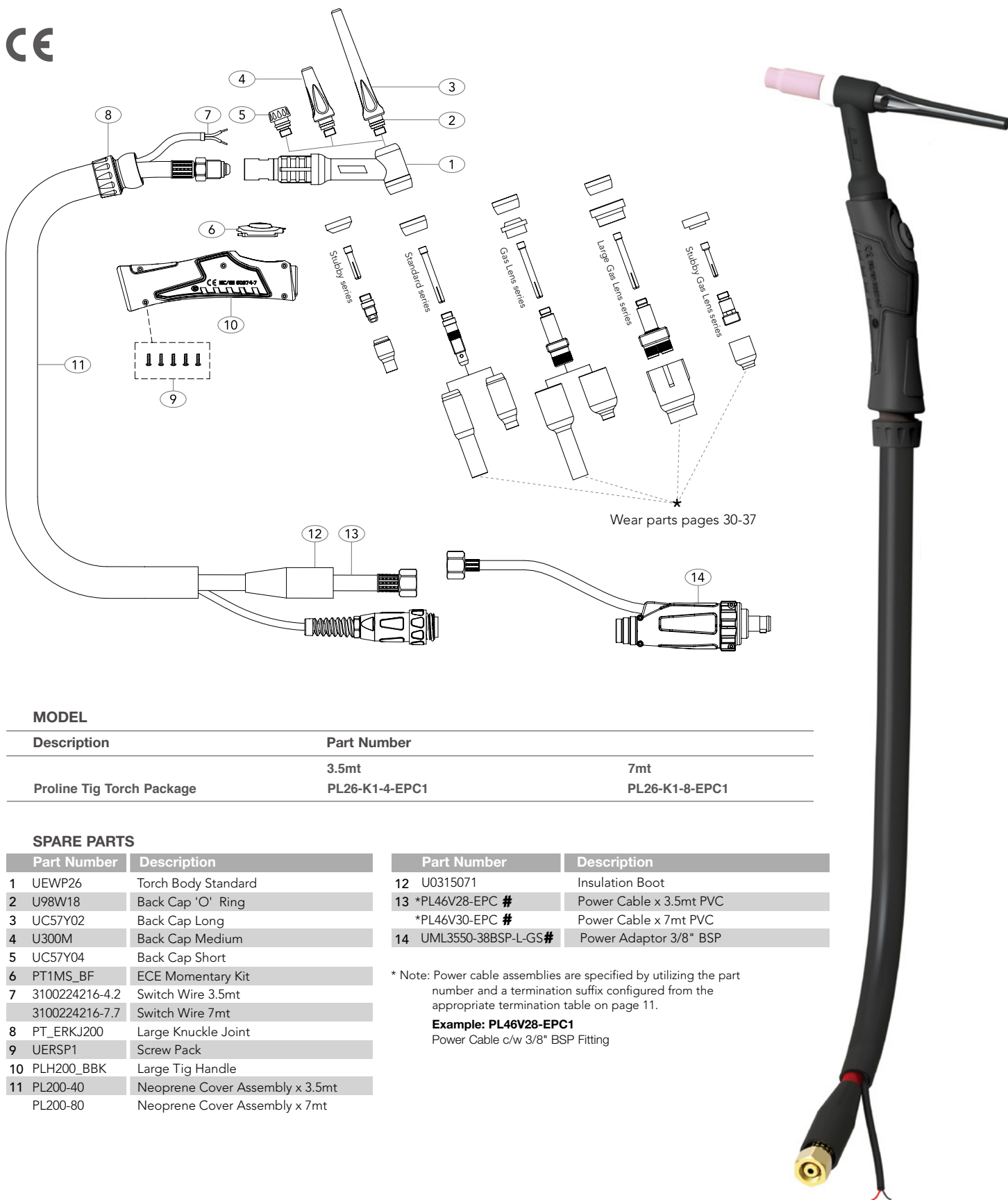
Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL17-K1-4-EPC1	PL17-K1-8-EPC1

## SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP17	Torch Body Standard	12 U0315071	Insulation Boot
2 U98W18	Back Cap 'O' Ring	13 *PLHD57Y01-EPC #	Power Cable x 3.5mt PVC
3 UC57Y02	Back Cap Long	*PLHD57Y03-EPC #	Power Cable x 7mt PVC
4 U300M	Back Cap Medium	14 UML3550-38BSP-M-GS #	Power Adaptor 3/8" BSP
5 UC57Y04	Back Cap Short	* Note: Power cable assemblies are specified by utilizing the part number and a termination suffix configured from the appropriate termination table on page 11. <b>Example: PL57Y01-EPC1</b> Power Cable c/w 3/8" BSP Fitting	
6 PT1MS_BF	ECE Momentary Kit		
7 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
8 PT_ERKJ100	Small Knuckle Joint		
9 UERSP1	Screw Pack		
10 PLH100_BBK	Small Tig Handle		
11 PL100-40	Neoprene Cover Assembly x 3.5mt		
PL100-80	Neoprene Cover Assembly x 7mt		

Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant



#### MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL26-K1-4-EPC1	PL26-K1-8-EPC1

#### SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP26	Torch Body Standard	12 U0315071	Insulation Boot
2 U98W18	Back Cap 'O' Ring	13 *PL46V28-EPC #	Power Cable x 3.5mt PVC
3 UC57Y02	Back Cap Long	*PL46V30-EPC #	Power Cable x 7mt PVC
4 U300M	Back Cap Medium	14 UML3550-38BSP-L-GS#	Power Adaptor 3/8" BSP
5 UC57Y04	Back Cap Short		
6 PT1MS_BF	ECE Momentary Kit		
7 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
8 PT_ERKJ200	Large Knuckle Joint		
9 UERSP1	Screw Pack		
10 PLH200_BBK	Large Tig Handle		
11 PL200-40	Neoprene Cover Assembly x 3.5mt		
PL200-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable assemblies are specified by utilizing the part number and a termination suffix configured from the appropriate termination table on page 11.

#### Example: PL46V28-EPC1

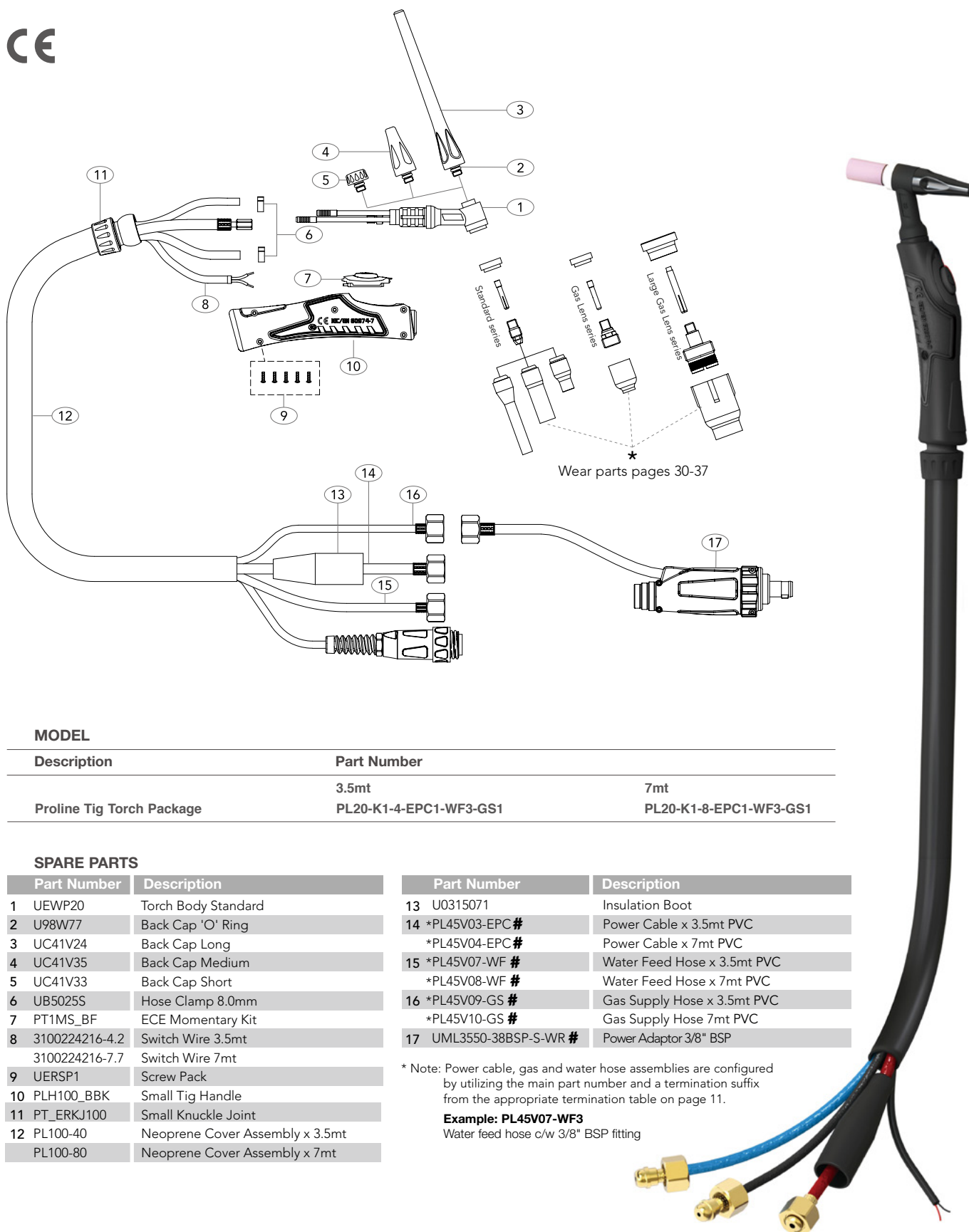
Power Cable c/w 3/8" BSP Fitting

Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant

# PL20 Liquid-Cooled Tig Welding Torch

Rating: 225A DC, 160A AC @60% duty cycle.



## MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL20-K1-4-EPC1-WF3-GS1	PL20-K1-8-EPC1-WF3-GS1

## SPARE PARTS

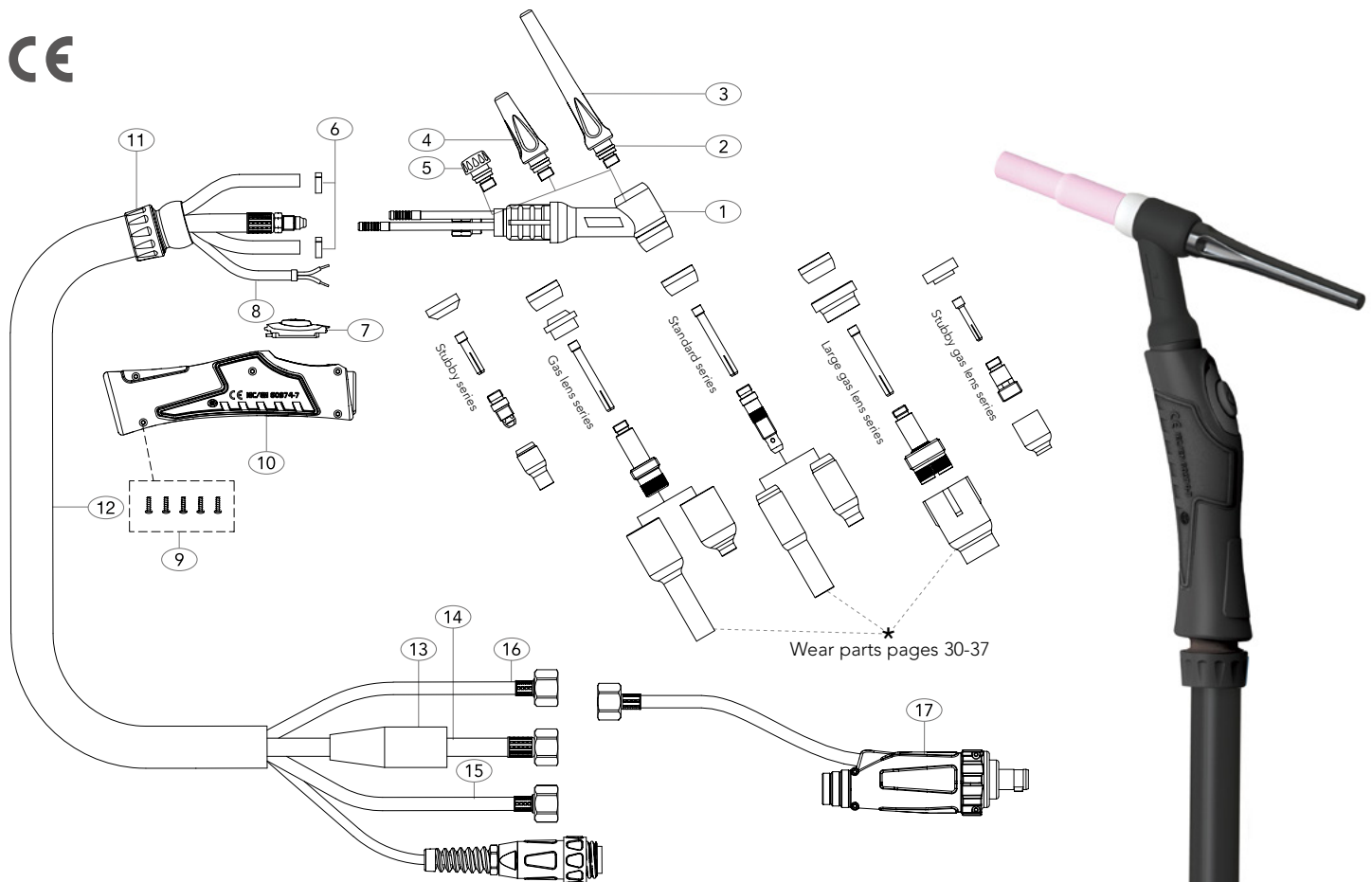
Part Number	Description	Part Number	Description
1 UEWP20	Torch Body Standard	13 U0315071	Insulation Boot
2 U98W77	Back Cap 'O' Ring	14 *PL45V03-EPC #	Power Cable x 3.5mt PVC
3 UC41V24	Back Cap Long	*PL45V04-EPC #	Power Cable x 7mt PVC
4 UC41V35	Back Cap Medium	15 *PL45V07-WF #	Water Feed Hose x 3.5mt PVC
5 UC41V33	Back Cap Short	*PL45V08-WF #	Water Feed Hose x 7mt PVC
6 UB5025S	Hose Clamp 8.0mm	16 *PL45V09-GS #	Gas Supply Hose x 3.5mt PVC
7 PT1MS_BF	ECE Momentary Kit	*PL45V10-GS #	Gas Supply Hose 7mt PVC
8 3100224216-4.2	Switch Wire 3.5mt	17 UML3550-38BSP-S-WR #	Power Adaptor 3/8" BSP
3100224216-7.7	Switch Wire 7mt		
9 UERSP1	Screw Pack		
10 PLH100_BBK	Small Tig Handle		
11 PT_ERKJ100	Small Knuckle Joint		
12 PL100-40	Neoprene Cover Assembly x 3.5mt		
PL100-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable, gas and water hose assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 11.

**Example: PL45V07-WF3**  
Water feed hose c/w 3/8" BSP fitting

Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant



#### MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL18-K1-4-EPC1-WF3-GS1	PL18-K1-8-EPC1-WF3-GS1

#### SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP18	Torch Body Standard	13 U0315071	Insulation Boot
2 U98W18	Back Cap 'O' Ring	14 *PL40V64-EPC#	Power Cable x 3.5mt PVC
3 UC57Y02	Back Cap Long	*PL41V29-EPC#	Power Cable x 7mt PVC
4 U300M	Back Cap Medium	15 *PL45V07-WF#	Water Feed Hose x 3.5mt PVC
5 UC57Y04	Back Cap Short	*PL45V08-WF#	Water Feed Hose x 7mt PVC
6 UB5041	Hose Clamp 8.7mm	16 *PL45V09-GS#	Gas Supply Hose x 3.5mt PVC
7 PL1MS-BF	ECE Momentary Kit	*PL45V10-GS#	Gas Supply Hose x 7mt PVC
8 3100224216-4.2	Switch Wire 3.5mt	17 UML3550-38BSP-M-WR#	Power Adaptor 3/8" BSP
3100224216-7.7	Switch Wire 7mt		
9 UERSP1	Screw Pack		
10 PLH200_BBK	Large Tig Handle		
11 PT_ERKJ200	Large Knuckle Joint		
12 PL200-40	Neoprene Cover Assembly x 3.5mt		
PL200-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable, gas and water hose assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 11.

**Example: PL45V07-WF3**  
Water feed hose c/w 3/8" BSP fitting

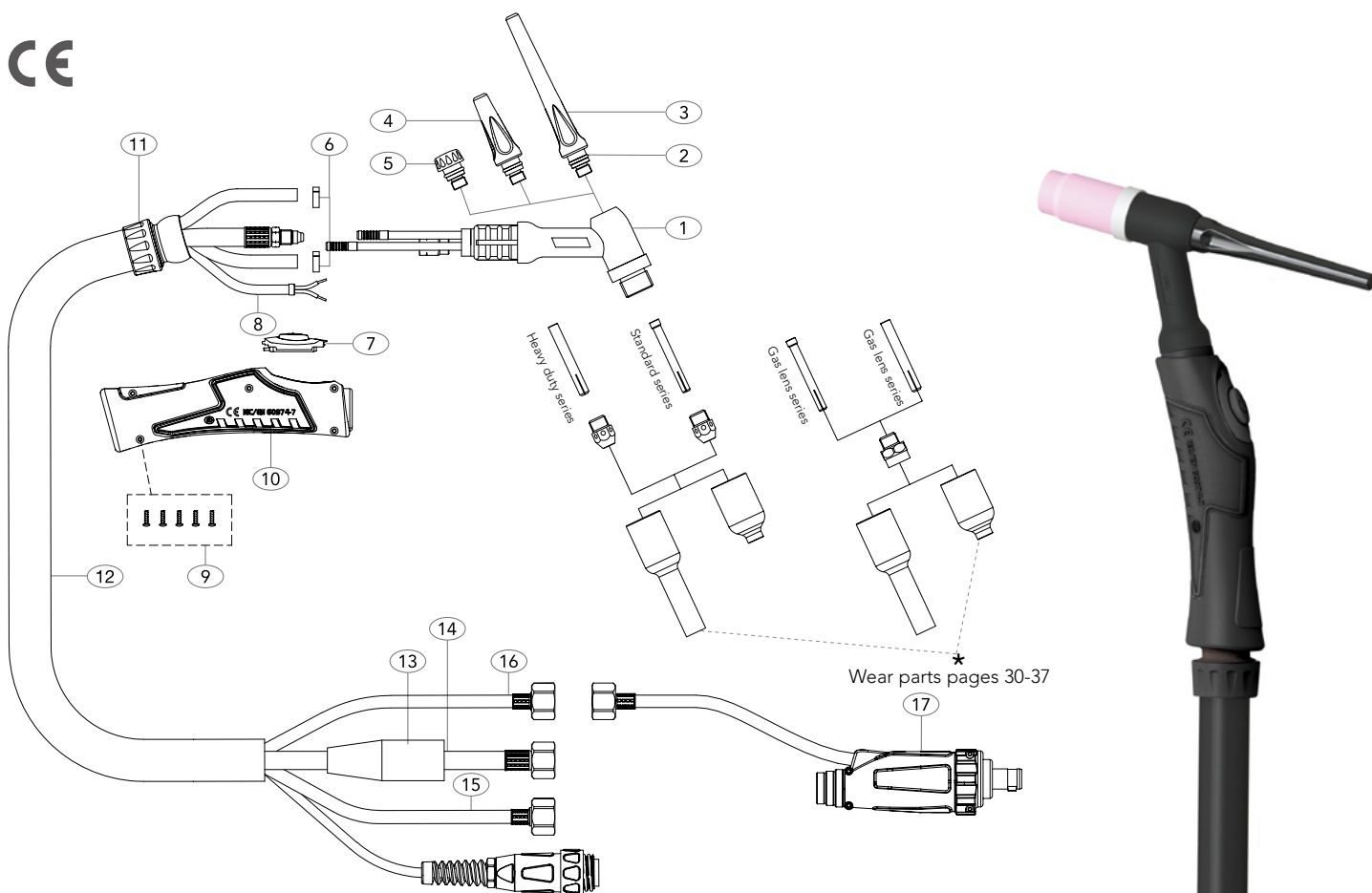
Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant



# PL18SC Liquid-Cooled Tig Welding Torch

Rating: 410A DC, 290A AC @60% duty cycle.



## MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL18SC-K1-4-EPC1-WF3-GS1	PL18SC-K1-8-EPC1-WF3-GS1

## SPARE PARTS

Part Number	Description	Part Number	Description
1 UCWP18SC	Torch Body	13 U0315071	Insulation Boot
2 U98W18	Back Cap 'O' Ring	14 *PL40V64-EPC #	Power Cable x 3.5mt PVC
3 UC57Y02	Back Cap Long	*PL41V29-EPC #	Power Cable x 7mt PVC
4 U300M	Back Cap Medium	15 *PL45V07-WF #	Water Feed Hose x 3.5mt PVC
5 UC57Y04	Back Cap Short	*PL45V08-WF #	Water Feed Hose x 7mt PVC
6 UB5041	Hose Clamp 8.7mm	16 *PL45V09-GS #	Gas Supply Hose x 3.5mt PVC
7 PT1MS_BF	ECE Momentary Kit	*PL45V10-GS #	Gas Supply Hose x 7mt PVC
8 3100224216-4.2	Switch Wire 3.5mt	17 UML3550-38BSP-M-WR #	Power Adaptor 3/8" BSP
3100224216-7.7	Switch Wire 7mt		
9 UERSP1	Screw Pack		
10 PLH200_BBK	Large Tig Handle		
11 PT_ERKJ200	Large Knuckle Joint		
12 PL200-40	Neoprene Cover Assembly x 3.5mt		
PL200-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable, gas and water hose assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 11.

**Example: PL45V07-WF3**  
Water feed hose c/w 3/8" BSP fitting

Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant



# Proline Tig Torch Range

## USA Terminations



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## Proline Air-Cooled Tig Torch Range

Ratings: 110 Amp to 410 Amp



Technical Data	PL9	PL17	PL26
Cooling Method	Air-Cooled	Air-Cooled	Air-Cooled
Rating: DC	110A	135A	180A
Rating: AC	80A	95A	125A
Duty Cycle:	35%	35%	35%
Electrode Size:	1.0-2.4	1.0-3.2	1.0-4.0
Water cooling min. flow rate	-	-	-
Minimum water inlet pressure	-	-	-
Maximum water inlet pressure	-	-	-
Maximum water inlet	-	-	-
Minimum cooling power	-	-	-

Order Codes	3.5mt	PL9-K1-4-APC1	PL17-K1-4-APC1	PL26-K1-4-APC3
	7mt	PL9-K1-8-APC1	PL17-K1-8-APC1	PL26-K1-8-APC3

# Proline Liquid-Cooled Tig Torch Range

Ratings: 110 Amp to 410 Amp



## Technical Data

Cooling Method

Rating: DC

Rating: AC

Duty Cycle:

Electrode Size:

Water cooling min. flow rate

Minimum water inlet pressure

Maximum water inlet pressure

Maximum water inlet

Minimum cooling power

## PL20

Liquid-Cooled

225A

160A

60%

1.0-3.2

1.0 l/min

2.0 Bar

5.0 Bar

50°C

600W

## PL18

Liquid-Cooled

380A

270A

60%

1.0-4.0

1.0 l/min

2.0 Bar

5.0 Bar

50°C

800W

## PL18SC

Liquid-Cooled

410A

290A

60%

1.0-4.8

1.0 l/min

2.0 Bar

5.0 Bar

50°C

900W

## Order Codes

**3.5mt**

PL20-K1-4-APC4-WF2-GS7

PL18-K1-4-APC4-WF2-GS7

PL18SC-K1-4-APC4-WF2-GS7

**7mt**

PL20-K1-8-APC4-WF2-GS7

PL18-K1-8-APC4-WF2-GS7

PL18SC-K1-8-APC4-WF2-GS7

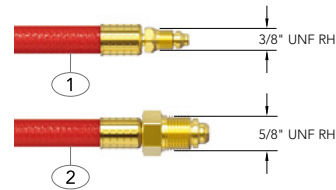


### Air-Cooled

#### PL 9/17/125 Series



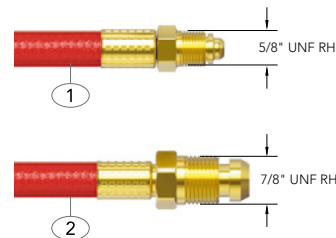
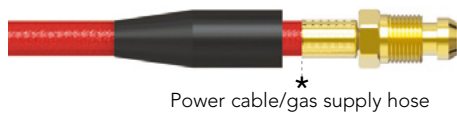
#### Power Cable / Gas Supply Hose



#### # Power Cable / Gas Supply Hose

Part Number	Description
1 APC1	Power Cable c/w 3/8" UNF RH
2 APC2	Power Cable c/w 5/8" UNF RH

#### PL 26 Series

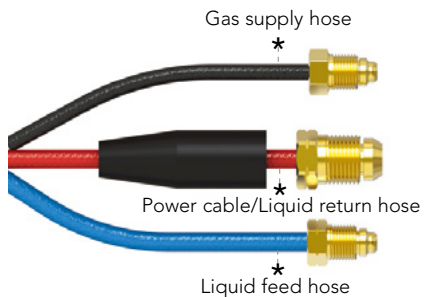


#### # Power Cable / Gas Supply Hose

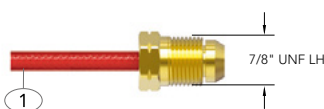
Part Number	Description
1 APC2	Power Cable c/w 5/8" UNF RH
2 APC3	Power Cable c/w 7/8" UNF RH

### Liquid-Cooled

#### PL 18/18SC/20/24W/250M/225F Series



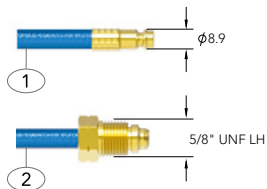
#### Power Cable / Water Return Hose



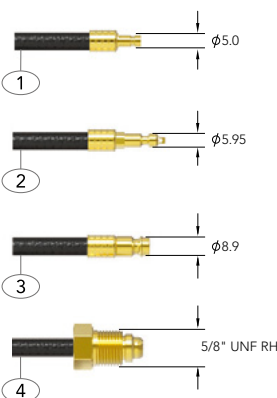
#### # Power Cable / Water Return Hose

Part Number	Description
1 APC4	Power Cable c/w 7/8" UNF LH

#### Water Feed Connection Options



#### Gas Supply Hose



#### # Water Feed Hose

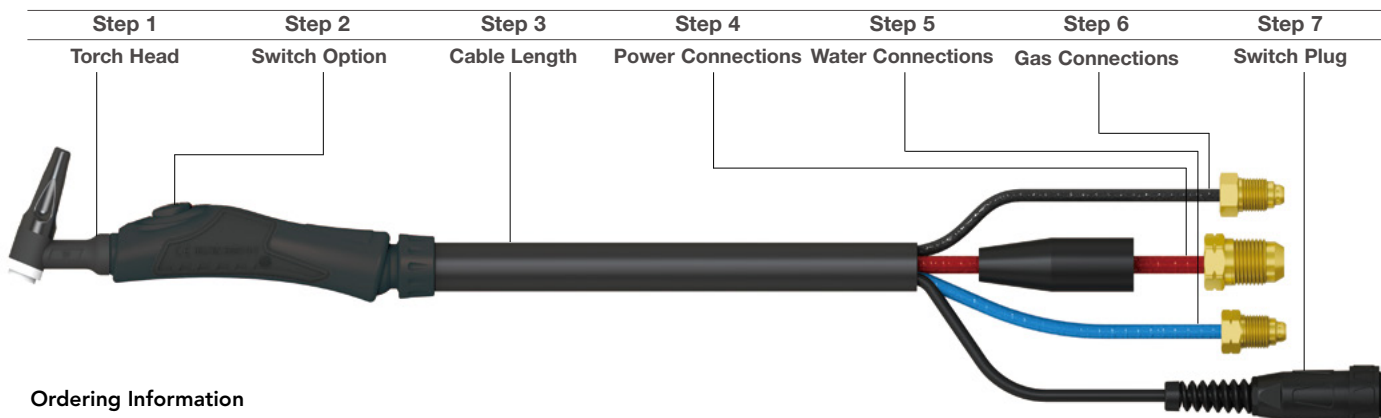
Part Number	Description
1 WF1	Liquid Feed Hose c/w 8.9mm Quick Fit
2 WF2	Liquid Feed Hose c/w 5/8" UNF LH

#### # Gas Supply Hose

Part Number	Description
1 GS2	Gas Supply Hose c/w 5.0mm Quick Fit
2 GS3	Gas Supply Hose c/w 5.95mm Quick Fit
3 GS4	Gas Supply Hose c/w 8.9mm Quick Fit
4 GS7	Gas Supply Hose c/w 5/8" UNF RH

# Proline Tig Torch Range

## Torch Package Configurator



### Ordering Information

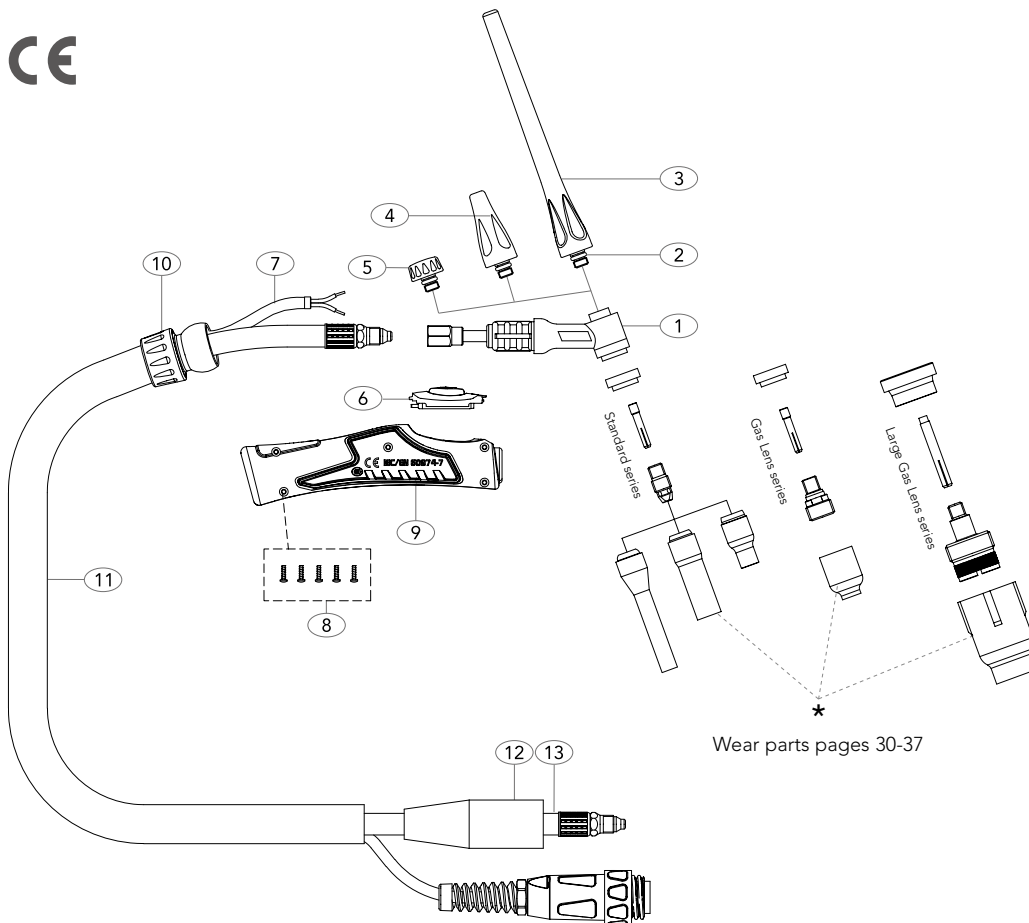
Torch package part numbering is configured using the simple 7 stage system outlined below.

1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the power cable termination required
5. Select the correct water connections
6. Select the correct gas connections
7. Add a Cable Plug if required

### Example:- PL18FX-K1-4-APC4-WF2-GS7-UERCP0

Proline PL18FX Ergo Torch x 3.5mt with momentary switch, 7/8" UNF RH power, 5/8" UNF LH Water, 5/8" UNF Gas and 2 pin amphenol plug.

	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7			
	Torch Head	Switch Option	Cable Length	Power Connections	Liquid Connections	Gas Connections	Switch Plug			
Air-Cooled	<b>Part No.</b>	<b>Description</b>	<b># Power Cable / Water Return Hose</b>			<b>Part No.</b>	<b>Description</b>			
	PL9	110A DC					<b>Part Number</b>	<b>Description</b>	UERCP0	2 Pin Amphenol Plug
	PL17	135A DC					APC1	Power Cable c/w 3/8" UNF RH	UERCP1	4 Pin Amphenol Plug
	PL17FX	135A DC FLEX					APC2	Power Cable c/w 5/8" UNF RH	UERCP2	5 Pin Amphenol Plug
	PL26	180A DC					APC3	Power Cable c/w 7/8" UNF RH	UERCP3	6 Pin Amphenol Plug
	PL26FX	180A DC FLEX					APC4	Power Cable c/w 7/8" UNF LH	UERCP4	14 Pin Amphenol Plug
PL26VFX	180A DC VALVE FLEX	<b>NOTE: See page 22 for USA terminations explanation</b>		UERCP6-5			5 Pin Amphenol Plug			
Liquid-Cooled	PL20	225A DC	<b># Liquid Feed Hose</b>				UERCP7	3 Pin Tuchel Plug		
	PL18	380A DC					<b>Part Number</b>	<b>Description</b>	UERCP8	9 Pin Tuchel Plug
	PL18FX	380A DC FLEX					WF1	Liquid Feed Hose c/w 8.9mm Quick Fit	UERCP9	5 Pin Tuchel Plug
	PL18SC	410A DC					WF2	Liquid Feed Hose c/w 5/8" UNF LH	UERCP11	7 Pin Uniarc Plug
					<b>NOTE: See page 22 for USA terminations explanation</b>		UXS12-J3P	3 Pin Plug		
<b>NOTE: See page 6 for Torch heads explanation</b>			<b># Gas Supply Hose</b>		<b>NOTE: See page 10 for cable plugs explanation</b>					
<b>Part No.</b>	<b>Description</b>	<b>Part Number</b>			<b>Description</b>					
N	Blank Kit - No Trigger	GS2			Gas Supply Hose c/w 5.0mm Quick Fit					
K1	ECE Momentary Kit	GS3	Gas Supply Hose c/w 5.95mm Quick Fit	GS4	Gas Supply Hose c/w 8.9mm Quick Fit					
<b>NOTE: See page 8 for switches explanation</b>			GS7	Gas Supply Hose c/w 5/8" UNF RH						
			<b>NOTE: See page 22 for USA terminations explanation</b>							
			<b>Part No.</b>	<b>Description</b>						
			4	3.5mt Cables PVC						
			8	7mt Cables PVC						



## MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL9-K1-4-APC1	PL9-K1-8-APC1

## SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP9	Torch Body Standard	12 U0315071	Insulation Boot
2 U98W77	Back Cap 'O' Ring	13 *PL57Y01-APC #	Power Cable x 3.5mt PVC
3 UC41V24	Back Cap Long	*PL57Y03-APC #	Power Cable x 7mt PVC
4 UC41V35	Back Cap Medium		
5 UC41V33	Back Cap Short		
6 PT1MS_BF	ECE Momentary Kit		
7 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
8 UERSP1	Screw Pack		
9 PLH100_BBK	Small Tig Handle		
10 PT_ERKJ100	Small Knuckle Joint		
11 PL100-40	Neoprene Cover Assembly x 3.5mt		
PL100-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable assemblies are specified by utilizing the part number and a termination suffix configured from the appropriate termination table on page 23.

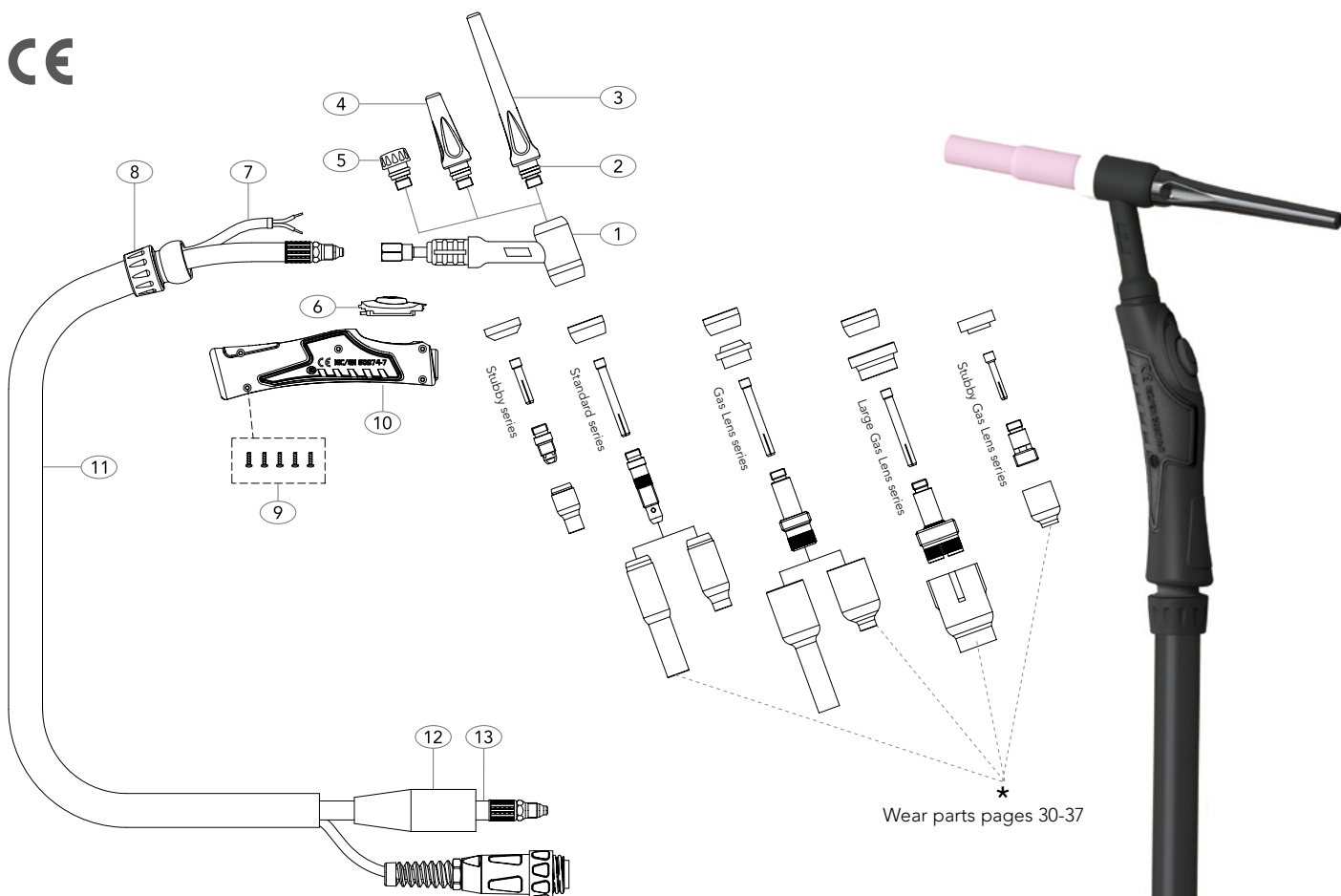
**Example: PL57Y01-APC1**  
Power Cable c/w 3/8" UNF RH

Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant

# PL17 Air-Cooled Tig Welding Torch

Rating: 135A DC, 95A AC @35% duty cycle.



\* Wear parts pages 30-37

## MODEL

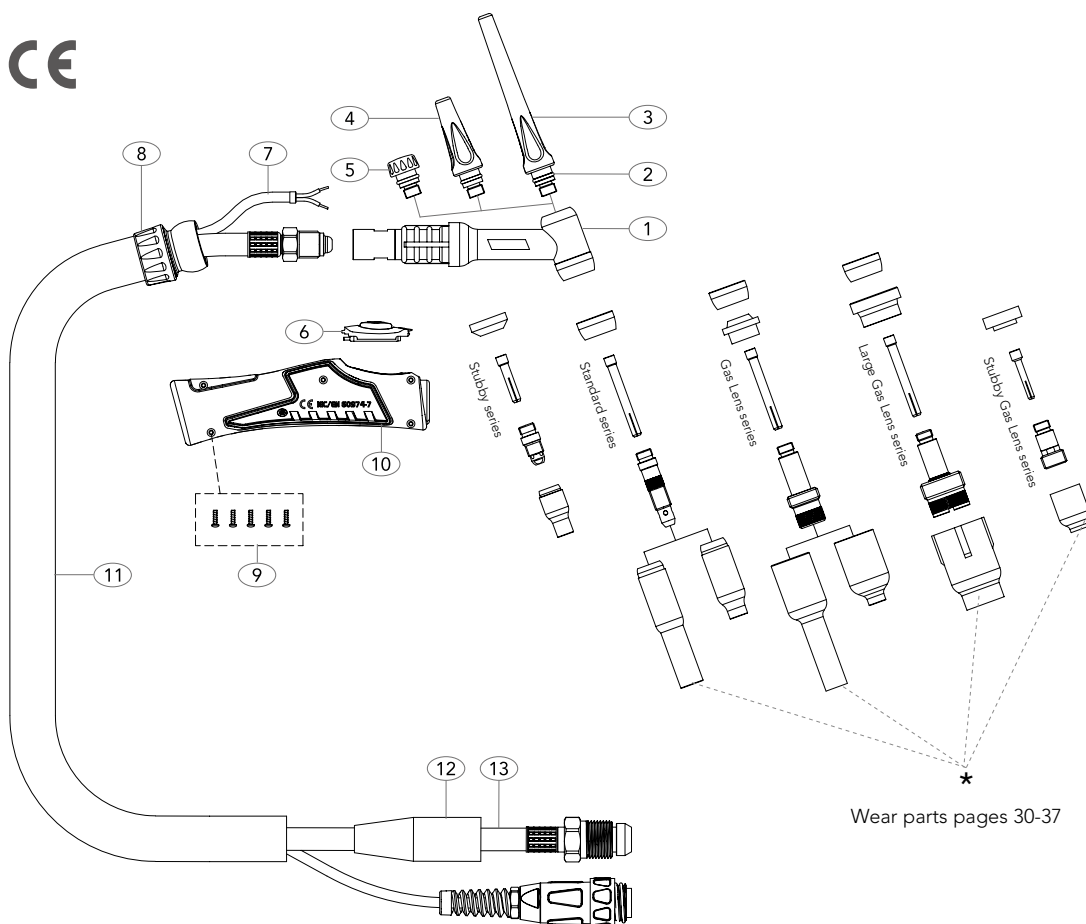
Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL17-K1-4-APC1	PL17-K1-8-APC1

## SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP17	Torch Body Standard	12 U0315071	Insulation Boot
2 U98W18	Back Cap 'O' Ring	13 *PLHD57Y01-APC #	Power Cable x 3.5mt PVC
3 UC57Y02	Back Cap Long	*PLHD57Y03-APC #	Power Cable x 7mt PVC
4 U300M	Back Cap Medium	* Note: Power cable assemblies are specified by utilizing the part number and a termination suffix configured from the appropriate termination table on page 23. <b>Example: PL57Y01-APC1</b> Power Cable c/w 3/8" BSP Fitting	
5 UC57Y04	Back Cap Short		
6 PT1MS_BF	ECE Momentary Kit		
7 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
8 PT_ERKJ100	Small Knuckle Joint		
9 UERSP1	Screw Pack		
10 PLH100_BBK	Small Tig Handle		
11 PL100-40	Neoprene Cover Assembly x 3.5mt		
PL100-80	Neoprene Cover Assembly x 7mt		

Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant



## MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL26-K1-4-APC3	PL26-K1-8-APC3

## SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP26	Torch Body Standard	12 U0315071	Insulation Boot
2 U98W18	Back Cap 'O' Ring	13 *PL46V28-APC #	Power Cable x 3.5mt PVC
3 UC57Y02	Back Cap Long	*PL46V30-APC #	Power Cable x 7mt PVC
4 U300M	Back Cap Medium		
5 UC57Y04	Back Cap Short		
6 PT1MS_BF	ECE Momentary Kit		
7 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
8 PT_ERKJ200	Large Knuckle Joint		
9 UERSP1	Screw Pack		
10 PLH200_BBK	Large Tig Handle		
11 PL200-40	Neoprene Cover Assembly x 3.5mt		
PL200-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable assemblies are specified by utilizing the part number and a termination suffix configured from the appropriate termination table on page 23.

### Example: PL46V28-APC3

Power Cable c/w 7/8" UNF RH

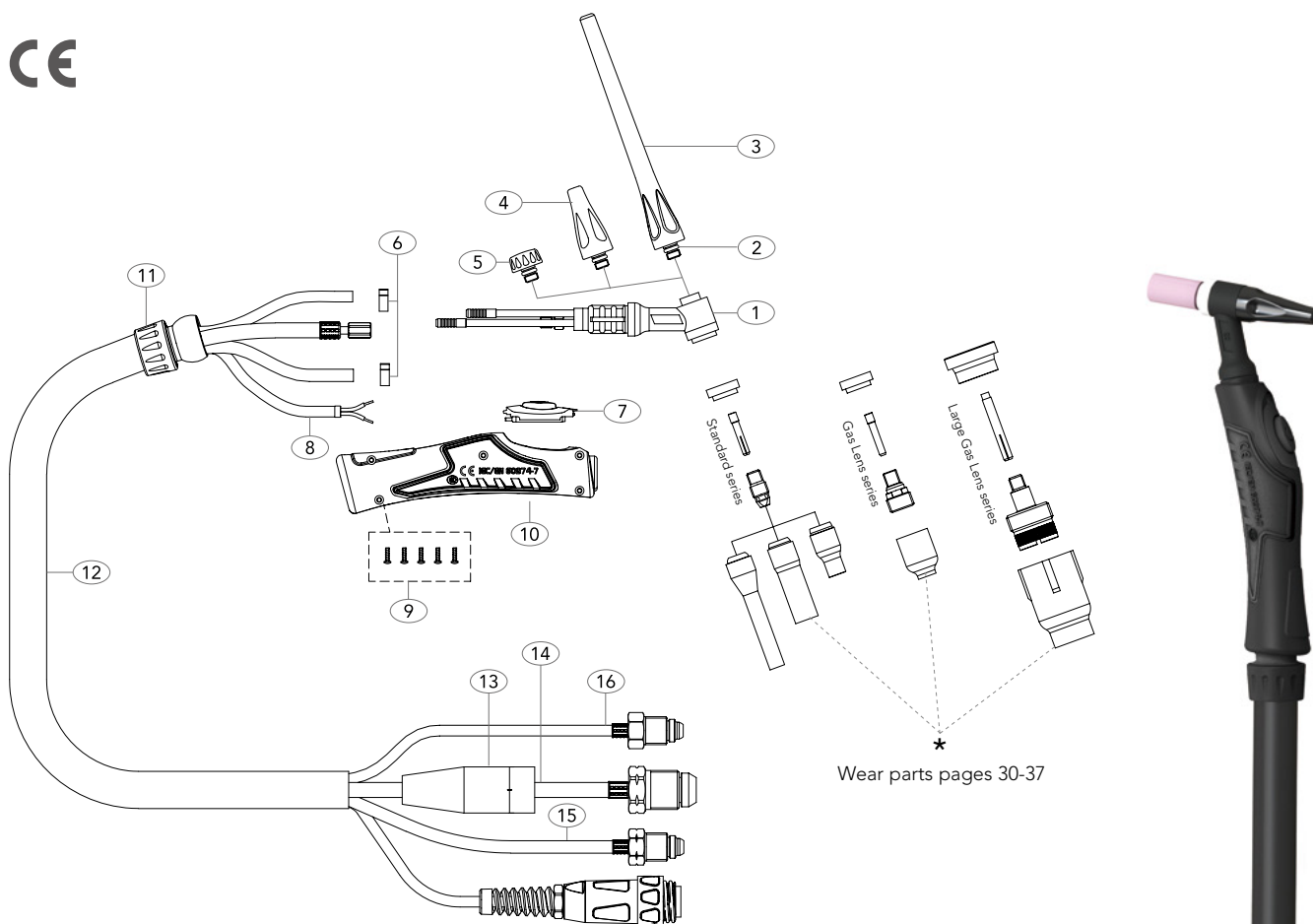
Standard products can be customized & branded as necessary.

All products conform to EN60974-7, CE and are RoHS2, REACH and WEEE compliant



# PL20 Liquid-Cooled Tig Welding Torch

Rating: 225A DC, 160A AC @60% duty cycle.



## MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL20-K1-4-APC4-WF2-GS7	PL20-K1-8-APC4-WF2-GS7

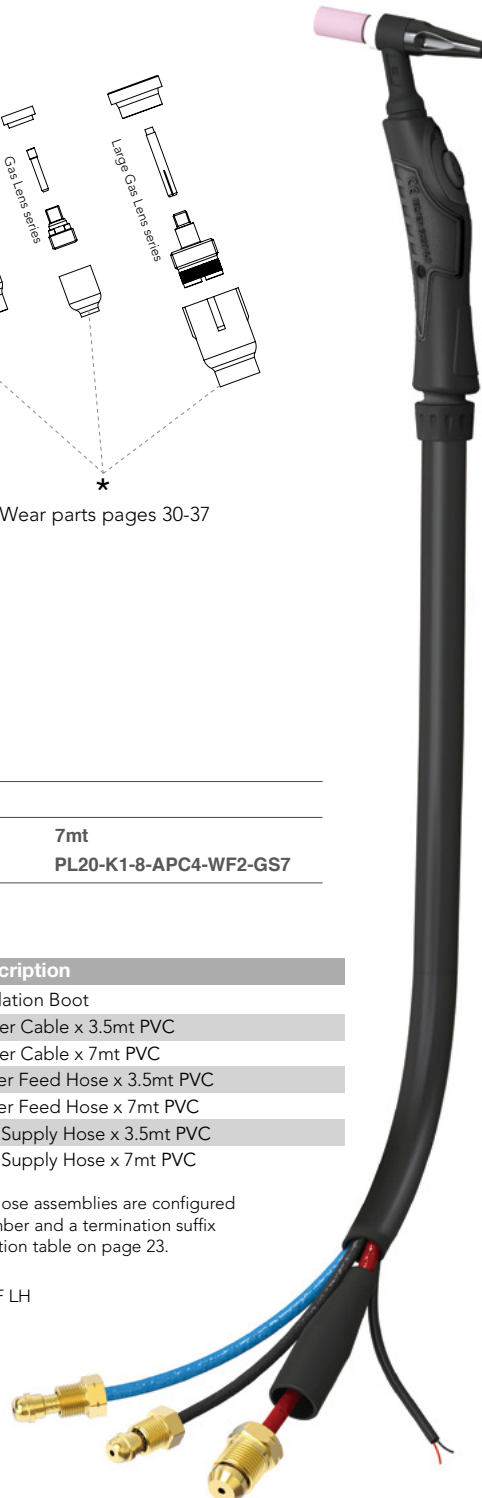
## SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP20	Torch Body Standard	13 U0315071	Insulation Boot
2 U98W77	Back Cap 'O' Ring	14 *PL45V03-APC #	Power Cable x 3.5mt PVC
3 UC41V24	Back Cap Long	*PL45V04-APC #	Power Cable x 7mt PVC
4 UC41V35	Back Cap Medium	15 *PL45V07-WF #	Water Feed Hose x 3.5mt PVC
5 UC41V33	Back Cap Short	*PL45V08-WF #	Water Feed Hose x 7mt PVC
6 UB5025S	Hose Clamp 8.0mm	16 *PL45V09-GS #	Gas Supply Hose x 3.5mt PVC
7 PT1MS_BF	ECE Momentary Kit	*PL45V10-GS #	Gas Supply Hose x 7mt PVC
8 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
9 UERSP1	Screw Pack		
10 PLH100_BBK	Small Tig Handle		
11 PT_ERKJ100	Small Knuckle Joint		
12 PL100-40	Neoprene Cover Assembly x 3.5mt		
PL100-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable, gas and water hose assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 23.

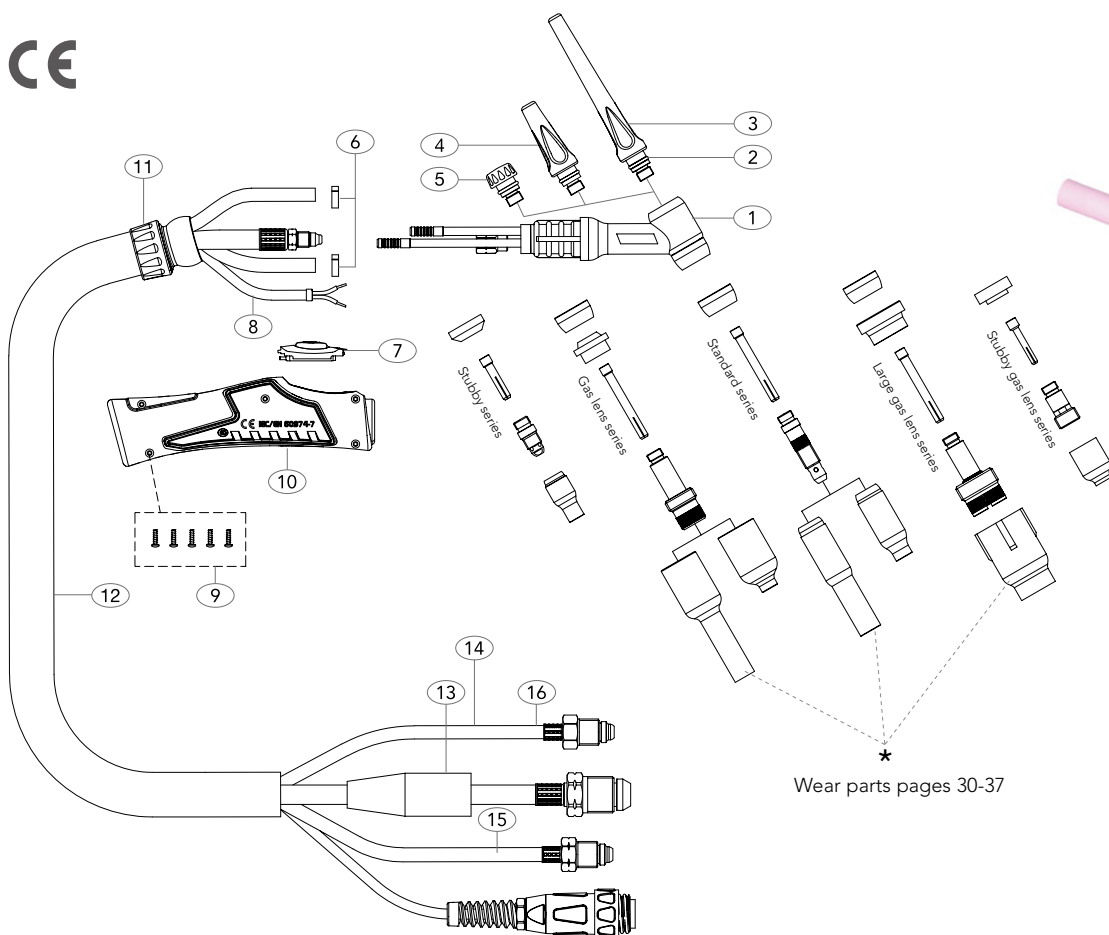
### Example: PL45V07-WF2

Water feed hose c/w 5/8" UNF LH



Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant



Wear parts pages 30-37

#### MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL18-K1-4-APC4-WF2-GS7	PL18-K1-8-APC4-WF2-GS7

#### SPARE PARTS

Part Number	Description	Part Number	Description
1 UEWP18	Torch Body Standard	13 U0315071	Insulation Boot
2 U98W18	Back Cap 'O' Ring	14 *PL40V64-APC #	Power Cable x 3.5mt PVC
3 UC57Y02	Back Cap Long	*PL41V29-APC #	Power Cable x 7mt PVC
4 U300M	Back Cap Medium	15 *PL45V07-WF #	Water Feed Hose x 3.5mt PVC
5 UC57Y04	Back Cap Short	*PL45V08-WF #	Water Feed Hose x 7mt PVC
6 UB5041	Hose Clamp 8.7mm	16 *PL45V09-GS #	Gas Supply Hose x 3.5mt PVC
7 PT1MS_BF	ECE Momentary Kit	*PL45V10-GS #	Gas Supply Hose x 7mt PVC
8 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
9 UERSP1	Screw Pack		
10 PLH200_BBK	Large Tig Handle		
11 PT_ERKJ200	Large Knuckle Joint		
12 PL200-40	Neoprene Cover Assembly x 3.5mt		
PL200-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable, gas and water hose assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 23.

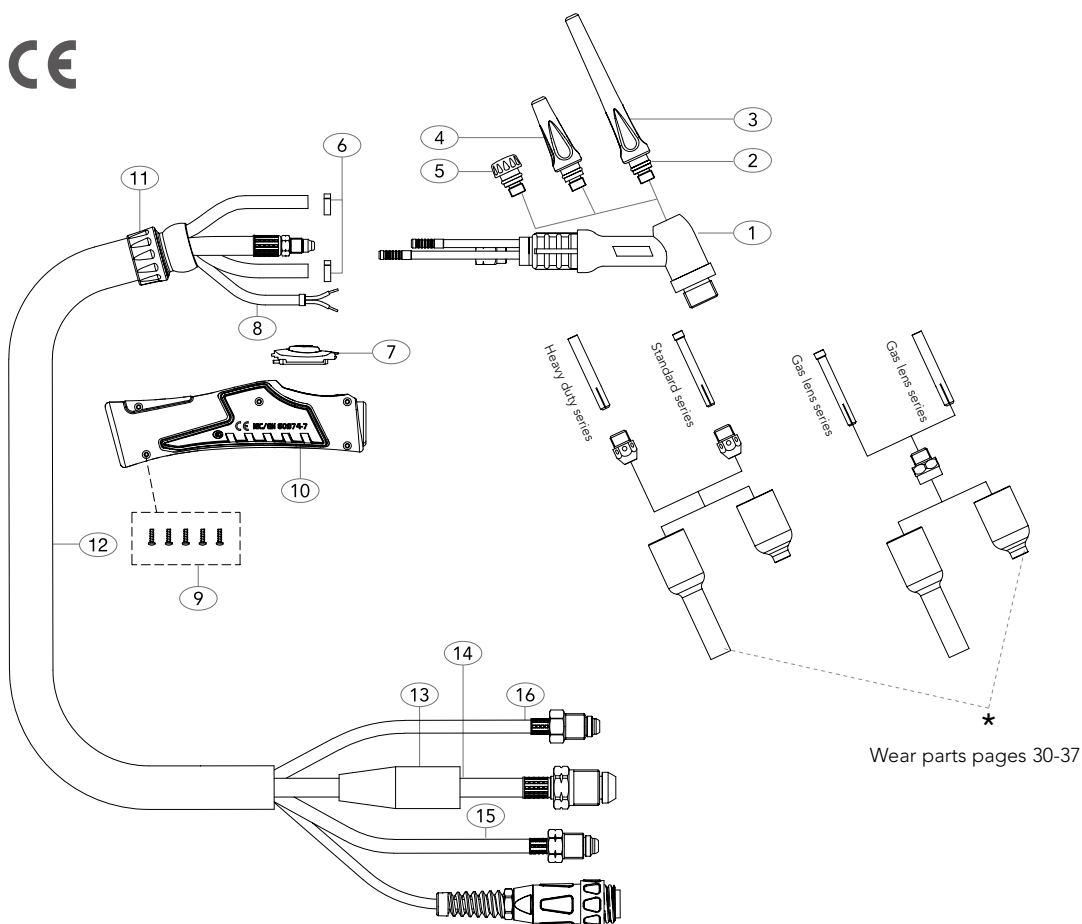
**Example: PL45V07-WF2**  
Water feed hose c/w 5/8" UNF LH

Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant

# PL18SC Liquid-Cooled Tig Welding Torch

Rating: 410A DC, 290A AC @60% duty cycle.



## MODEL

Description	Part Number	
	3.5mt	7mt
Proline Tig Torch Package	PL18SC-K1-4-APC4-WF2-GS7	PL18SC-K1-8-APC4-WF2-GS7

## SPARE PARTS

Part Number	Description	Part Number	Description
1 UCWP18SC	Torch Body	13 U0315071	Insulation Boot
2 U98W18	Back Cap 'O' Ring	14 *PL40V64-APC #	Power Cable x 3.5mt PVC
3 UC57Y02	Back Cap Long	*PL41V29-APC #	Power Cable x 7mt PVC
4 U300M	Back Cap Medium	15 *PL45V07-WF #	Water Feed Hose x 3.5mt PVC
5 UC57Y04	Back Cap Short	*PL45V08-WF #	Water Feed Hose x 7mt PVC
6 UB5041	Hose Clamp 8.7mm	16 *PL45V09-GS #	Gas Supply Hose x 3.5mt PVC
7 PT1MS_BF	ECE Momentary Kit	*PL45V10-GS #	Gas Supply Hose x 7mt PVC
8 3100224216-4.2	Switch Wire 3.5mt		
3100224216-7.7	Switch Wire 7mt		
9 UERSP1	Screw Pack		
10 PLH200_BBK	Large Tig Handle		
11 PT_ERKJ200	Large Knuckle Joint		
12 PL200-40	Neoprene Cover Assembly x 3.5mt		
PL200-80	Neoprene Cover Assembly x 7mt		

\* Note: Power cable, gas and water hose assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 23.

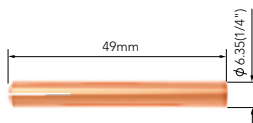
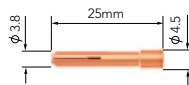
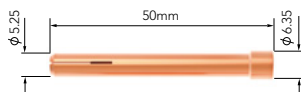
**Example: PL45V07-WF2**  
Water feed hose c/w 5/8" UNF LH



Standard products can be customized & branded as necessary.

All products conform to EN60974-7, **CE** and are RoHS2, REACH and WEEE compliant

## Wear Parts



### Standard Collets

Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
U10N21	Standard Collet	0.5mm	0.02"	●	●	●	●	●	●
U10N22	Standard Collet	1.0mm	0.04"	●	●	●	●	●	●
U10N23	Standard Collet	1.6mm	1/16"	●	●	●	●	●	●
U10N23M	Standard Collet	2.0mm	5/64"	●	●	●	●	●	●
U10N24	Standard Collet	2.4mm	3/32"	●	●	●	●	●	●
U10N25	Standard Collet	3.2mm	1/8"	●	●	●	●	●	●
U54N20	Standard Collet	4.0mm	5/32"	●	●	●	●	●	●

U13N20	Standard Collet	0.5mm	0.02"	●	●	●	●	●	●
U13N21	Standard Collet	1.0mm	0.04"	●	●	●	●	●	●
U13N22	Standard Collet	1.6mm	1/16"	●	●	●	●	●	●
U13N22M	Standard Collet	2.0mm	5/64"	●	●	●	●	●	●
U13N23	Standard Collet	2.4mm	3/32"	●	●	●	●	●	●
U13N24	Standard Collet	3.2mm	1/8"	●	●	●	●	●	●

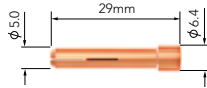
### Heavy Duty Collets

Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
U10N25HD	Heavy Duty Collet	3.2mm	1/8"	●	●	●	●	●	●
U54N20HD	Heavy Duty Collet	4.0mm	5/32"	●	●	●	●	●	●
U18C36	Heavy Duty Collet	4.8mm	3/16"	●	●	●	●	●	●

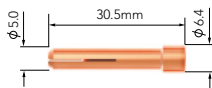
## Wear Parts

### Stubby Series Collets

Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
U10N21S	Stubby Series Collet	0.5mm	0.02"	●	●	●	●	●	●
U10N22S	Stubby Series Collet	1.0mm	0.04"	●	●	●	●	●	●
U10N23S	Stubby Series Collet	1.6mm	1/16"	●	●	●	●	●	●
U10N24S	Stubby Series Collet	2.4mm	3/32"	●	●	●	●	●	●
U10N25S	Stubby Series Collet	3.2mm	1/8"	●	●	●	●	●	●

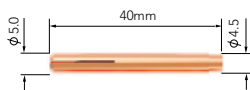


USTB13N20	Stubby Series Collet	0.5mm	0.02"	●	●	●	●	●	●
USTB13N21	Stubby Series Collet	1.0mm	0.04"	●	●	●	●	●	●
USTB13N22	Stubby Series Collet	1.6mm	1/16"	●	●	●	●	●	●
USTB13N22M	Stubby Series Collet	2.0mm	5/64"	●	●	●	●	●	●
USTB13N23	Stubby Series Collet	2.4mm	3/32"	●	●	●	●	●	●
USTB13N24	Stubby Series Collet	3.2mm	1/8"	●	●	●	●	●	●



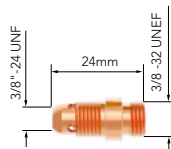
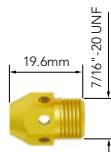
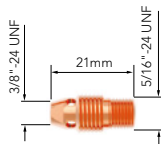
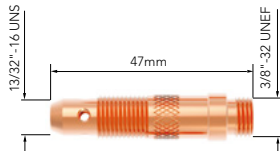
### Large Diameter Gas Lens Collets

Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
U13N20L	Large Diameter Gas Lens Collet	0.5mm	0.02"	●	●	●	●	●	●
U13N21L	Large Diameter Gas Lens Collet	1.0mm	0.04"	●	●	●	●	●	●
U13N22L	Large Diameter Gas Lens Collet	1.6mm	1/16"	●	●	●	●	●	●
U13N23L	Large Diameter Gas Lens Collet	2.4mm	3/32"	●	●	●	●	●	●
U13N24L	Large Diameter Gas Lens Collet	3.2mm	1/8"	●	●	●	●	●	●



● Standard wear part range    ● Torch package standard wear part set-up

## Wear Parts



### Standard Collet Bodies

Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
U10N29	Standard Collet Body	0.5mm	0.02"	●	●	●	●	●	●
U10N30	Standard Collet Body	1.0mm	0.04"	●	●	●	●	●	●
U10N31	Standard Collet Body	1.6mm	1/16"	●	●	●	●	●	●
U10N31M	Standard Collet Body	2.0mm	5/64"	●	●	●	●	●	●
U10N32	Standard Collet Body	2.4mm	3/32"	●	●	●	●	●	●
U10N28	Standard Collet Body	3.2mm	1/8"	●	●	●	●	●	●
U406488	Standard Collet Body	4.0mm	5/32"	●	●	●	●	●	●

U13N25	Standard Collet Body	0.5mm	0.02"	●	●	●	●	●	●
U13N26	Standard Collet Body	1.0mm	0.04"	●	●	●	●	●	●
U13N27	Standard Collet Body	1.6mm	1/16"	●	●	●	●	●	●
U13N27M	Standard Collet Body	2.0mm	5/64"	●	●	●	●	●	●
U13N28	Standard Collet Body	2.4mm	3/32"	●	●	●	●	●	●
U13N29	Standard Collet Body	3.2mm	1/8"	●	●	●	●	●	●

### Heavy Duty Collet Bodies

Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
UNCB-53	Standard Nose Collet Body	3.4		●	●	●	●	●	●
UNCB-36	Heavy Duty Nose Collet Body	5.0		●	●	●	●	●	●

### Stubby Collet Bodies

Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
U17CB20	Stubby Collet Body	3.5		●	●	●	●	●	●

● Standard wear part range    ● Torch package standard wear part set-up

## Wear Parts

### Gas Lens Bodies

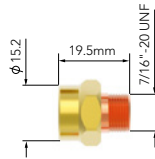
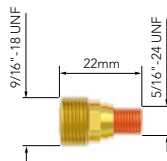
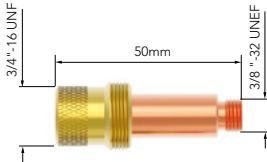
Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
BL45V24	Gas Lens Body	1.0mm	0.04"	●	●	●	●	●	●
BL45V25	Gas Lens Body	1.6mm	1/16"	●	●	●	●	●	●
BL45V25M	Gas Lens Body	2.0mm	5/64"	●	●	●	●	●	●
BL45V26	Gas Lens Body	2.4mm	3/32"	●	●	●	●	●	●
BL45V27	Gas Lens Body	3.2mm	1/8"	●	●	●	●	●	●
BL45V28	Gas Lens Body	4.0mm	5/32"	●	●	●	●	●	●

BL45V41	Gas Lens Body	0.5mm	0.02"	●	●	●	●	●	●
BL45V42	Gas Lens Body	1.0mm	0.04"	●	●	●	●	●	●
BL45V43	Gas Lens Body	1.6mm	1/16"	●	●	●	●	●	●
BL45V43M	Gas Lens Body	2.0mm	5/64"	●	●	●	●	●	●
BL45V44	Gas Lens Body	2.4mm	3/32"	●	●	●	●	●	●
BL45V45	Gas Lens Body	3.2mm	1/8"	●	●	●	●	●	●

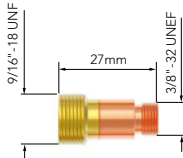
  

U18GL16	Gas Lens Body	1.6mm	1/16"	●	●	●	●	●	●
U18GL32	Gas Lens Body	2.4mm	3/32"	●	●	●	●	●	●
U18GL18	Gas Lens Body	3.2mm	1/8"	●	●	●	●	●	●
U18GL53	Gas Lens Body	4.0mm	5/32"	●	●	●	●	●	●
U18GL36	Gas Lens Body	4.8mm	3/16"	●	●	●	●	●	●





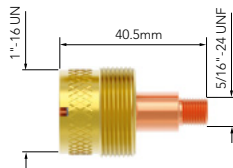
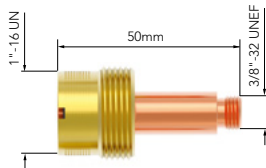
## Wear Parts



### Stubby Gas Lens Bodies

Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
USTB45V41	Stubby Gas Lens Body	0.5mm 0.02"		●	●	●	●	●	●
USTB45V42	Stubby Gas Lens Body	1.0mm 0.04"		●	●	●	●	●	●
USTB45V43	Stubby Gas Lens Body	1.6mm 1/16"		●	●	●	●	●	●
USTB45V43M	Stubby Gas Lens Body	2.0mm 5/64"		●	●	●	●	●	●
USTB45V44	Stubby Gas Lens Body	2.4mm 3/32"		●	●	●	●	●	●
USTB45V45	Stubby Gas Lens Body	3.2mm 1/8"		●	●	●	●	●	●

### Large Diameter Gas Lens Bodies



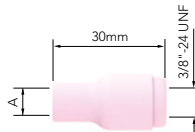
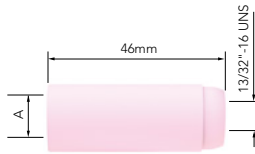
Part No.	Description	Bore		PL9	PL17	PL26	PL20	PL18	PL18SC
U45V116	Large Diameter Gas Lens Body	1.6mm 1/16"		●	●	●	●	●	●
U45V64	Large Diameter Gas Lens Body	2.4mm 3/32"		●	●	●	●	●	●
U995795	Large Diameter Gas Lens Body	3.2mm 1/8"		●	●	●	●	●	●
U45V63	Large Diameter Gas Lens Body	4.0mm 5/32"		●	●	●	●	●	●
U45V0204S	Large Diameter Gas Lens Body	1.0mm 0.040"		●	●	●	●	●	●
U45V116S	Large Diameter Gas Lens Body	1.6mm 1/16"		●	●	●	●	●	●
U45V64S	Large Diameter Gas Lens Body	2.4mm 3/32"		●	●	●	●	●	●
U995795S	Large Diameter Gas Lens Body	3.2mm 1/8"		●	●	●	●	●	●

● Standard wear part range    ● Torch package standard wear part set-up

## Wear Parts

### Standard Ceramic Cups

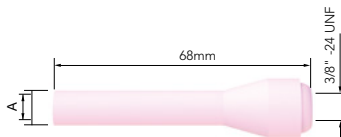
Part No.	Description	Size	Bore A	PL9	PL17	PL26	PL20	PL18	PL18SC
U10N44	Standard Ceramic Cup	12	19mm	3/4"	●	●	●	●	●
U10N45	Standard Ceramic Cup	10	16mm	5/8"	●	●	●	●	●
U10N46	Standard Ceramic Cup	8	12.5mm	1/2"	●	●	●	●	●
U10N47	Standard Ceramic Cup	7	11mm	7/6"	●	●	●	●	●
U10N48	Standard Ceramic Cup	6	10mm	3/8"	●	●	●	●	●
U10N49	Standard Ceramic Cup	5	8mm	5/16"	●	●	●	●	●
U10N50	Standard Ceramic Cup	4	6mm	1/4"	●	●	●	●	●



U13N08	Standard Ceramic Cup	4	6mm	1/4"	●	●	●	●	●
U13N09	Standard Ceramic Cup	5	8mm	5/16"	●	●	●	●	●
U13N10	Standard Ceramic Cup	6	10mm	3/8"	●	●	●	●	●
U13N11	Standard Ceramic Cup	7	11mm	7/16"	●	●	●	●	●
U13N12	Standard Ceramic Cup	8	12.5mm	1/2"	●	●	●	●	●
U13N13	Standard Ceramic Cup	10	16mm	5/8"	●	●	●	●	●

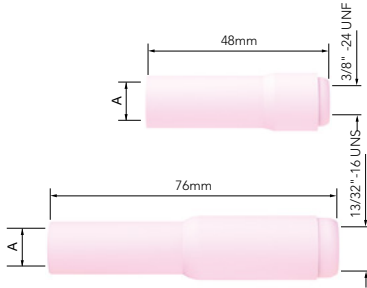
### Standard Extra Long Ceramic Cups

Part No.	Description	Size	Bore A	PL9	PL17	PL26	PL20	PL18	PL18SC
U796F74	Standard Extra Long Ceramic Cup	3	5mm	3/16"	●	●	●	●	●
U796F75	Standard Extra Long Ceramic Cup	4	6mm	1/4"	●	●	●	●	●
U796F76	Standard Extra Long Ceramic Cup	5	8mm	5/16"	●	●	●	●	●
U796F77	Standard Extra Long Ceramic Cup	6	10mm	3/8"	●	●	●	●	●



● Standard wear part range    ● Torch package standard wear part set-up

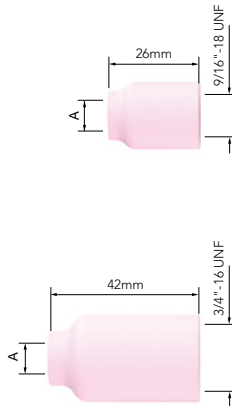
## Wear Parts



### Standard Long Ceramic Cups

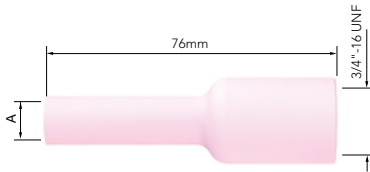
Part No.	Description	Size	Bore A	PL9	PL17	PL26	PL20	PL18	PL18SC
U796F70	Standard Long Ceramic Cup	3	5mm	3/16"	●	●	●	●	●
U796F71	Standard Long Ceramic Cup	4	6mm	1/4"	●	●	●	●	●
U796F72	Standard Long Ceramic Cup	5	8mm	5/16"	●	●	●	●	●
U796F73	Standard Long Ceramic Cup	6	10mm	3/8"	●	●	●	●	●
U10N47L	Standard Long Ceramic Cup	7L	11mm	7/16"	●	●	●	●	●
U10N48L	Standard Long Ceramic Cup	6L	10mm	3/8"	●	●	●	●	●
U10N49L	Standard Long Ceramic Cup	5L	8mm	5/16"	●	●	●	●	●

### Gas Lens Cups



Part No.	Description	Size	Bore A	PL9	PL17	PL26	PL20	PL18	PL18SC
U53N58	Gas Lens Cup	4	6mm	1/4"	●	●	●	●	●
U53N59	Gas Lens Cup	5	8mm	5/16"	●	●	●	●	●
U53N60	Gas Lens Cup	6	10mm	3/8"	●	●	●	●	●
U53N61	Gas Lens Cup	7	11mm	7/16"	●	●	●	●	●
U53N61S	Gas Lens Cup	8	12.5mm	1/2"	●	●	●	●	●
U54N14	Gas Lens Cup	8	12.5mm	1/2"	●	●	●	●	●
U54N15	Gas Lens Cup	7	11mm	7/16"	●	●	●	●	●
U54N16	Gas Lens Cup	6	10mm	3/8"	●	●	●	●	●
U54N17	Gas Lens Cup	5	8mm	5/16"	●	●	●	●	●
U54N18	Gas Lens Cup	4	6mm	1/4"	●	●	●	●	●
U54N19	Gas Lens Cup	11	17mm	11/16"	●	●	●	●	●

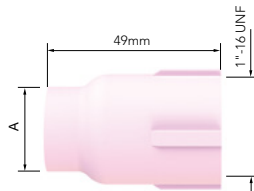
## Wear Parts



### Long Gas Lens Ceramic Cups

Part No.	Description	Size	Bore A	PL9	PL17	PL26	PL20	PL18	PL18SC
U54N15L	Long Gas Lens Ceramic Cup	7	11mm	7/16"	●	●	●	●	●
U54N16L	Long Gas Lens Ceramic Cup	6	10mm	3/8"	●	●	●	●	●
U54N17L	Long Gas Lens Ceramic Cup	5	8mm	5/16"	●	●	●	●	●

### Large Diameter Gas Lens Cups



Part No.	Description	Size	Bore A	PL9	PL17	PL26	PL20	PL18	PL18SC
U57N74	Large Diameter Gas Lens Cup	8	12.5mm	1/2"	●	●	●	●	●
U57N75	Large Diameter Gas Lens Cup	6	10mm	3/8"	●	●	●	●	●
U53N87	Large Diameter Gas Lens Cup	12	19mm	3/4"	●	●	●	●	●
U53N88	Large Diameter Gas Lens Cup	10	16mm	5/8"	●	●	●	●	●


● Standard wear part range    ● Torch package standard wear part set-up

## Wear Parts Configuration Tables


### PL 9/20 Series

# PL 9/20 Series


## Standard Series




U598882  
Gasket




U13N Range  
Standard Collet




U13N Range  
Standard Collet Body



U796F Range  
Standard Extra Long  
Ceramic Cup




U796F Range  
Standard Long Ceramic Cup




U13N Range  
Standard Ceramic Cup


## Gas Lens Series




U598882  
Gasket



U13N Range  
Standard Collet




BL45V Range  
Gas Lens Body




U53N Range  
Gas Lens Ceramic Cup


## Large Gas Lens Series




U598882  
Gasket




U54N63-20  
Gasket



U13NL Range  
Large Diameter  
Gas Lens Collet


















U45V Range  
Large Diameter Gas Lens Body



Large Diameter  
Gas Lens Ceramic Cup

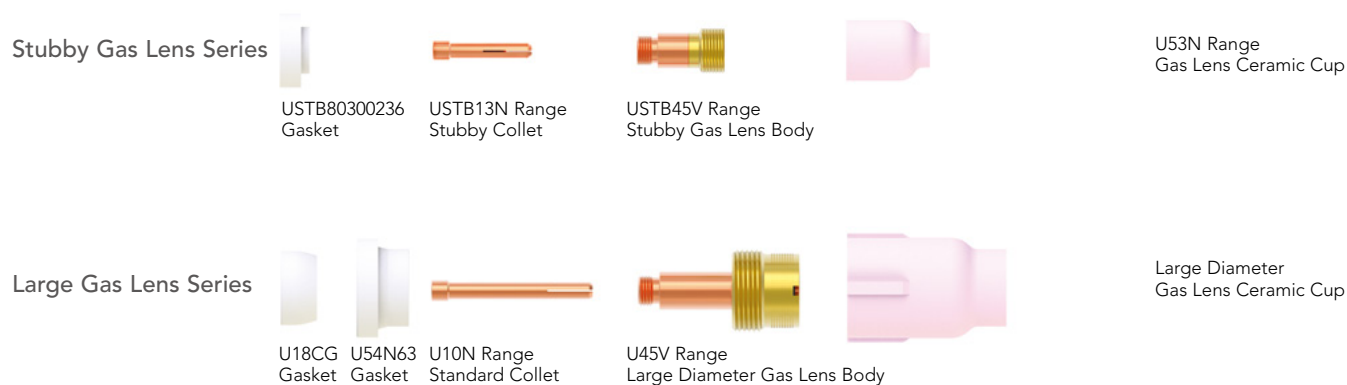
\*Wear Parts part number and sizes are available on pages 30-37

### PL 17/18/26 Series

					U10N Range Standard Long Ceramic Cup	
Standard Series					U10N Range Standard Ceramic Cup	
	U18CG Gasket	U10N Range Standard Collet	U10N Range Standard Collet Body			
Stubby Series					U13N Range Standard Ceramic Cup	
	U18CG20 Gasket	U10N Range Stubby Collet	U17CB20 Stubby Collet Body			
Gas Lens Series						U54N Range Long Gas Lens Ceramic Cup
	U18CG Gasket	U54N01 Gasket	U10N Range Standard Collet	BL45V Range Gas Lens Body		U54N Range Gas Lens Ceramic Cup

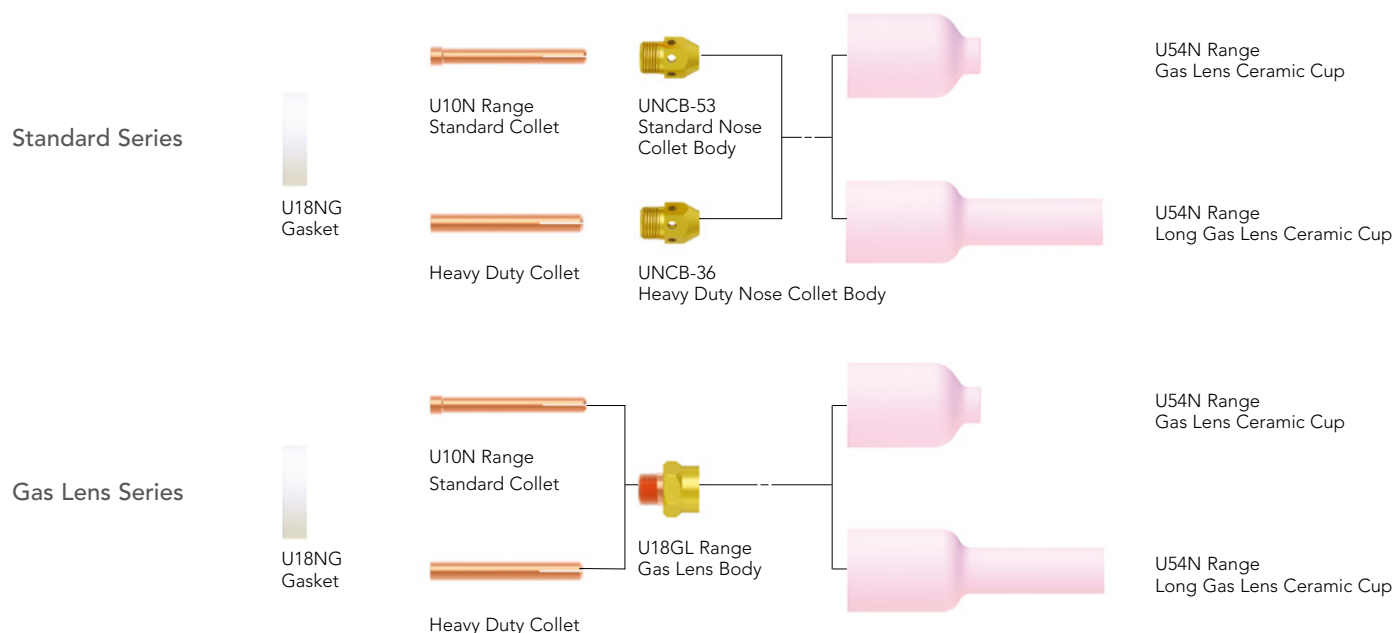
# Wear Parts Configuration Tables

## PL 17/18/26 Series



\*Wear Parts part number and sizes are available on pages 30-37

## PL 18SC Series



\*Wear Parts part number and sizes are available on pages 30-37

The Proline series of Tig torches are offered in black as standard.

Subject to minimum order quantities, handles are available in various colours and styles and can be built to order.

### Standard



PLT - BLK/BLK

### Standard

#### Optional Upgrade



BA-BLU



BA-RED

### Customized Handle Options (Softgrip)



PLTS - BLK/GRY



PLTS - BLK/BLK

Other Colour Options  
Available on Request

Note:  
Minimum Order Quantities Apply

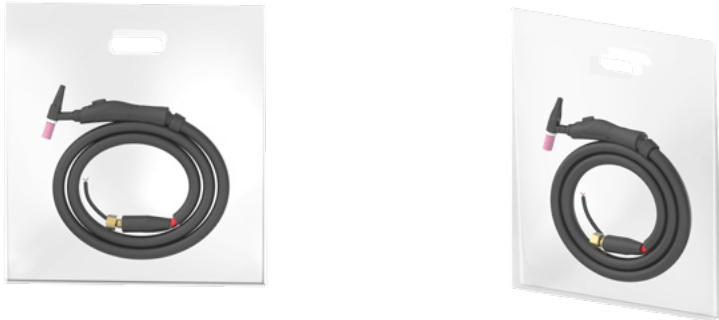
To discuss options available please contact us on [info@uniarc.com.cn](mailto:info@uniarc.com.cn)  
Colours maybe restricted dependent on market



## Customized Branding

## Packaging Options

All Proline series products are supplied in neutral plastic carrier bags as standard.



Bespoke packaging is available subject to minimum order quantities and additional costs.

To discuss options available please contact us on [info@uniarc.com.cn](mailto:info@uniarc.com.cn)  
Colours maybe restricted dependent on market

## Welding & Cutting Torch Technology

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Jinan 250102, P.R. China

**Tel:** +86 531 88239823

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