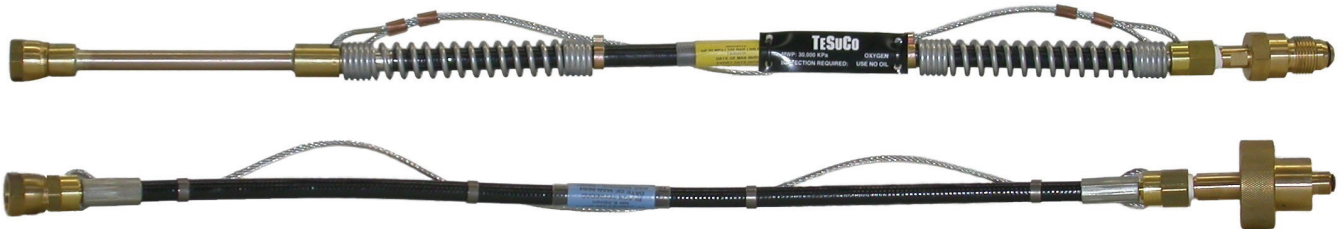


HIGH PRESSURE FLEXIBLE CONNECTION LEADS



Introduction

The range of High Pressure Flexible Connection Leads distributed by Tesuco are manufactured to BS EN ISO 14113:1997 (Rubber and plastic hose assemblies for compressed or liquefied gases up to a maximum design pressure of 450 bar), under a strict BS EN ISO 9001 quality and design management system.

Feature	Oxygen	Acetylene	Fuel Gases	Inert Gases	Carbon Dioxide
Hose Liner	Virgin PTFE	Polyester Elastomer	Polyester Elastomer	Polyester Elastomer	Virgin PTFE
Construction	Single Braided Stainless Steel with High Pack Kevlar	Single Braided Brass Plated Carbon Steel with Hytrel Perforated Cover			Single Braided Stainless Steel
Whip Cable	Fitted (except LPG) with retaining clips no more than 150mm apart				
Permanent Markings	Gas Service, Maximum Working Pressure and Applicable Standard				
End Fitting Material	Brass to BS2874:CZ121 / CZ114				
Inlet Connection	All hoses are fitted with inlet connections to AS2473				
O Rings and Filters (Inlet)	YES	YES	Where Required		YES
Outlet Connection	3/8" BSP RH	3/8" BSP LH	3/8" BSP LH	3/8" BSP RH	3/8" BSP RH
Heat Sink	YES	NO	NO	NO	NO
Anti-Detonation Coil	NO	YES	NO	NO	NO
Hose (Internal Diameter)	1/4" Nominal - 6.35mm				
Safe Working Pressure	200 Bar	22.7 Bar	300 Bar	300 Bar	85 Bar
Design Working Pressure	220 Bar	25 Bar	330 Bar	330 Bar	94 Bar
Minimum Burst Pressure	1680 Bar	1000 Bar	1400 Bar	1400 Bar	760 Bar
Test Pressure	Hydraulic 300 Bar Pneumatic 220 Bar	Hydraulic 315 Bar Pneumatic 30 Bar	Hydraulic 450 Bar Pneumatic 330 Bar	Hydraulic 450 Bar Pneumatic 330 Bar	Hydraulic 128 Bar Pneumatic 94 Bar
Cleaning	All hoses are cleaned to the process standard				
Reference Specifications	BOC - 50000810	BOC - 50000634			

Maintenance

In accordance with BCGA Code of Practice CP4, maintenance of the user's system is a critical requirement. The inspection details are as follows:

1. Weekly inspection (by the user) of pigtails and flexible hoses to ensure no corrosion or damage
2. Annual inspection (by a competent person) of pigtails and flexible hoses to ensure no corrosion or damage
3. In accordance with BCGA Code of Practice CP23, Appendix 5: Guidelines for Written Scheme of Examination for Pressure Systems attached to Transportable Pressure Vessels, the replacement and recording shall take place at 5 yearly intervals

Note: The above program is standard practice for both BOC and Air Products in the UK for this style of hose.

Part No	Gas Service	Inlet Connection	Length
HOX06W	OXYGEN	Type 10	600 mm
HAC06W	ACETYLENE	Type 20	600 mm
HHY06W	HYDROGEN	Type 20	600 mm
HLP06W	PROPANE	Type 21	600 mm
HIG06W	INERT GAS	Type 10	600 mm
HIG06WP	INERT GAS	Type 11	600 mm
HNI06W	NITROGEN	Type 50	600 mm
HNI06WH	NITROGEN	Type 50 (Handwheel)	600 mm
HNI06WP	NITROGEN	Type 51	600 mm
HAI06W	AIR	Type 60	600 mm
HAI06WH	AIR	Type 60 (Handwheel)	600 mm
HAI06WP	AIR	Type 61	600 mm
HCD06	CARBON DIOXIDE	Type 30	600 mm
HCD06W	CARBON DIOXIDE	Type 30	600 mm
HSP06	SPECIAL	User Specification	600 mm
HIG08W	INERT GAS	Type 10	800 mm
HIG08WP	INERT GAS	Type 11	800 mm
HNI08W	NITROGEN	Type 50	800 mm
HNI08WH	NITROGEN	Type 50 (Handwheel)	800 mm
HNI08WP	NITROGEN	Type 51	800 mm
HAI08W	AIR	Type 60	800 mm
HAI08WH	AIR	Type 60 (Handwheel)	800 mm
HAI08WP	AIR	Type 61	800 mm
HSP08	SPECIAL	User Specification	800 mm
HOX18W	OXYGEN	Type 10	1800 mm
HAC18W	ACETYLENE	Type 20	1800 mm
HHY18W	HYDROGEN	Type 20	1800 mm
HLP18W	PROPANE	Type 21	1800 mm
HIG18W	INERT GAS	Type 10	1800 mm
HIG18WP	INERT GAS	Type 11	1800 mm
HNI18W	NITROGEN	Type 50	1800 mm
HNI18WH	NITROGEN	Type 50 (Handwheel)	1800 mm
HNI18WP	NITROGEN	Type 51	1800 mm
HAI18W	AIR	Type 60	1800 mm
HAI18WH	AIR	Type 60 (Handwheel)	1800 mm
HAI18WP	AIR	Type 61	1800 mm
HCD18	CARBON DIOXIDE	Type 30	1800 mm
HCD18W	CARBON DIOXIDE	Type 30	1800 mm
HSP18	SPECIAL	User Specification	1800 mm

Note: Other lengths and configurations are available upon request. Contact us for more details.