



aerospace
climate control
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fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Gas Hoses



ENGINEERING YOUR SUCCESS.



Welding Gas



AUTOGENE EN 559
BIPRESS EN 559
SAFETYPRESS 15 - 25

Designed for delivery of acetylene and oxygen according to EN 559.
Available twinned (BIPRESS) and with self extinguisher cover and tube according to ITR specifications (SAFETYPRESS).

Domestic Gas



CARBO G NW/L 10 - NB/R 10

Suitable for delivery of gas and LPG in domestic applications.
According to standards IMQ-UNI 7140.



PROPANDIN NA/L 6 - 30
PROPAN BS 3212/2 NA/L 20
PROPANPRESS UL-21 N/L

Suitable for delivery of gas and LPG.
According to standard:

DVGW - DIN 4815 = PROPANDIN (orange)
BS 3212/2 = PROPAN BS (orange)
UL-21 = PROPANPRESS UL-21 (black)

Industrial Gas



MULTIGASPRESS EN 559 NRA/L 20

Suitable for delivery of all fuel gases included in table 4 of the Norm EN 559 (except fluxed fuel gases):
acetylene, LPG, MPS, natural gas, methane



INERPRESS EN 559 N/L 20

Designed for delivery of inert gases: air, nitrogen, argon, CO₂.
According to EN 559 standard.



PROPANPRESS EN 559 NA/L 20

Suitable for delivery of gas and LPG in industrial applications.
According to standard:
EN 559 = PROPANPRESS EN 559 (orange)

J – Gas Hose

Welding Gas

AUTOGENE EN 559 NR/ - NB/L - R 20	▶	J4
BIPRESS EN 559 B-R/L 20	▶	J5
SAFETYPRESS 15 - 25	▶	J6

Domestic Gas

CARBO G NW/L 10 - NB/R 10	▶	J7
PROPANDIN NA/L 6 - 30	▶	J8
PROPAN BS 3212/2 NA/L 20	▶	J9
PROPANPRESS UL-21 N/L	▶	J10

Industrial Gas

MULTIGASPRESS EN 559 NRA/L 20	▶	J11
INERPRESS EN 559 N/L 20	▶	J12
PROPANPRESS EN 559 NA/L 20	▶	J13

A



B



C



D



E



F



G



H



I



J



K



L



M



N



O



AUTOGENE EN 559 NR/ - NB/L 20

Hose according to EN 559

Hose Construction

- Tube:** Black, smooth SBR rubber compound, resistant to Welding Gases and not suitable for LPG, good resistance to ignition
- Reinforcement:** Synthetic textile yarns
- Cover:** Smooth (/L) or ribbed (/R), red (NR) or blue (NB), SBR/EPDM rubber compound resistant to abrasion, ageing, hot surfaces and incandescent particles



Tolerances

- EN 559
- On inside diameter:**
- ≤ I.D. 6,3 mm: ± 0,40 mm
 - I.D. 8 - 10 mm: ± 0,50 mm
- Length tolerance:**
- UNI EN ISO 1307/97 ± 1 %

Applications

Designed for delivery of welding and allied process gases.

Important!

Welding applications can be hazardous. Please take all the necessary safety precautions.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Part Number / Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
AUTOGENE EN 559 NR/L 20										
IH30412900/40	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412900/100	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412803/40	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412803/100	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412806/40	6,3	16,3	2,0	300,0	20	6,0	900,0	60	0,25	40
IH30412806/100	6,3	16,3	2,0	300,0	20	6,0	900,0	60	0,25	40
IH30412914/100	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412716/40	9	16	2,0	300,0	20	6,0	900,0	60	0,19	45
IH30412716/100	9	16	2,0	300,0	20	6,0	900,0	60	0,19	45
IH30413221/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30413221/100	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
AUTOGENE EN 559 NB/L 20										
IH30412901/40	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412901/100	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412703/40	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412703/100	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,15	40
IH30412706/40	6,3	16,3	2,0	300,0	20	6,0	900,0	60	0,25	40
IH30412915/100	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412707/40	9	16	2,0	300,0	20	6,0	900,0	60	0,19	45
IH30412707/100	9	16	2,0	300,0	20	6,0	900,0	60	0,19	45
IH30413220/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30413220/100	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50

RUBBER HOSE – EN 559 – 2 MPa (20 bar) – I.D. MADE IN ITALY – Parker ITR (Year with traceability code)

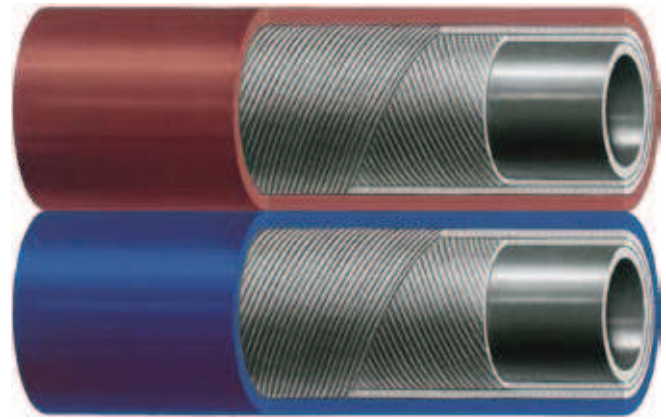
RUBBER HOSE – EN 559 – 2 MPa (20 bar) – I.D. MADE IN ITALY – Parker ITR (Year with traceability code)

BIPRESS EN 559 B-R/L 20

Hose according to EN 559

Hose Construction

- Tube:** Black, smooth SBR rubber compound, resistant to Welding Gases
- Reinforcement:** Synthetic textile yarns
- Cover:** Red and blue, ageing and abrasion-resistant, smooth SBR/EPDM rubber compound

**Applications**

A dual line hose designed for Welding Gas equipment, cutting and allied processes.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Tolerances

EN 559

On inside diameter:

≤ I.D. 6,3 mm: ± 0,40 mm







> I.D. 8 - 10 mm: ± 0,50 mm

Length tolerance:

UNI EN ISO 1307/97 ± 1 %

Important!

Welding applications can be hazardous.
Please take all the necessary safety precautions.

IHXXXXXXXXXX Part Number/ Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30401102/100	4+4	11	2,0	300,0	20	6,0	900,0	60	0,23	–
IH30401103/100	5+5	12	2,0	300,0	20	6,0	900,0	60	0,25	–
IH30401107/40	6,3+6,3	13	2,0	300,0	20	6,0	900,0	60	0,29	–
IH30401107/100	6,3+6,3	13	2,0	300,0	20	6,0	900,0	60	0,29	–
IH30401106/40	6,3+9	16	2,0	300,0	20	6,0	900,0	60	0,43	–
IH30401108/50	8+8	15	2,0	300,0	20	6,0	900,0	60	0,34	–
IH30401108/100	8+8	15	2,0	300,0	20	6,0	900,0	60	0,34	–
IH30401110/100	8+9	16	2,0	300,0	20	6,0	900,0	60	0,40	–
IH30401111/40	9+9	16	2,0	300,0	20	6,0	900,0	60	0,38	–
IH30401111/100	9+9	16	2,0	300,0	20	6,0	900,0	60	0,38	–
IH30401112/100	10+10	17	2,0	300,0	20	6,0	900,0	60	0,46	–

RUBBER HOSE – EN 559 – 2 MPa (20 bar) – I.D. MADE IN ITALY – Parker ITR – (Year with traceability code)

RUBBER HOSE – EN 559 – 2 MPa (20 bar) – I.D. MADE IN ITALY – Parker ITR – (Year with traceability code)

SAFETYPRESS® 15-25

Hose Construction

- Tube:** Black, self-extinguishing, smooth CR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Blue (NB) or red (NR), smooth CSM rubber compound, self-extinguishing, resistant to abrasion, ageing, heat, oils and fuels, grease and weathering. Test according to ASTM D 2863 shows that with ambient oxygen concentration - 32 % there is no flame propagation. Normal ambient oxygen concentration is 21 %.



Tolerances

- UNI EN ISO 1307/97
- On inside diameter:** ± 0,80 mm
- Length tolerance:** ± 1 %

Important!







Welding applications can be hazardous. Please take all the necessary safety precautions.

Applications

Particularly designed for oxygen-acetylene welding and metal cutting equipment. The hose is used in industries and ship building where heavy duty applications and high safety precautions are a must.

Temperature Range

-30 °C (-22 °F) to +100 °C (+212 °F)
with peaks to +130 °C (+266 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
SAFETYPRESS NR /L15										
IH30414002/100	8	15	1,5	217,5	15	4,5	652,5	45	0,19	50
IH30414003/100	10	17	1,5	217,5	15	4,5	652,5	45	0,22	60
IH30414107/100	13	21	1,5	217,5	15	4,5	652,5	45	0,32	80
SAFETYPRESS NR /L25										
IH30414103/100	10	19	2,5	362,5	25	7,5	1087,5	75	0,31	60
SAFETYPRESS NB/L 25										
IH30414102/100	8	17	2,5	362,5	25	7,5	1087,5	75	0,26	50
IH30414104/100	10	19	2,5	362,5	25	7,5	1087,5	75	0,31	60
IH30414106/100	13	23	2,5	362,5	25	7,5	1087,5	75	0,42	80

RUBBER HOSE SAFETYPRESS W.P. bar MADE IN ITALY - Parker ITR

RUBBER HOSE SAFETYPRESS 25 bar MADE IN ITALY - Parker ITR

CARBO G NW/L 10 - NB/R 10

Hose according to specification UNI 7140
and constantly tested by IMQ
(Italian Institute of Quality Approval)

**Hose Construction**

- Tube:** Black, smooth NBR rubber compound, suitable for Domestic Gas
- Reinforcement:** Synthetic textile yarns
- Cover:** White (NW) or blue (NB), ageing-resistant, smooth (/L) or ribbed (/R) SBR/EPDM rubber compound

Tolerances

- UNI 7140
- On inside diameter:** $\pm 0,50$ mm
- Length tolerance:** ± 1 %

Fittings

The hose is suitable for standard fittings.
Fittings according to UNI 7141 are recommended.

Applications







Connection of household appliances to the gas line (NW/L) or to LPG bottles (NB/R).

Temperature Range

-20 °C (-4 °F) to +90 °C (+194 °F)

Note

Other cover colours available on request.
CARBO G for household appliances must be replaced within the year shown by the branding, according to UNI 7140

IHXXXXXXXXXX Part Number/ Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
CARBO G NB/R 10										
IH30551594/100	8	13	1,0	150,0	10	3,0	450,0	30	0,13	33
CARBO G N/R 10										
IH30551599/100	8	13	1,0	150,0	10	3,0	450,0	30	0,13	33
CARBO G NW/L 10										
IH30551600/100	13	20	1,0	150,0	10	3,0	450,0	30	0,29	51

CARBO G UNI 7140 - I.D. - IMQ - DA SOSTITUIRE ENTRO IL ... - MADE IN ITALY - Parker ITR

CARBO G UNI 7140 - I.D. - IMQ - DA SOSTITUIRE ENTRO IL ... - MADE IN ITALY - Parker ITR

PROPANDIN NA/L 6 - 30

In compliance with DIN 4815 Teil 1 approval DVGW



Hose Construction

- Tube:** Black, LPG resistant, smooth NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Orange, ageing-resistant, flame-retarding, smooth NBR/PVC rubber compound

Applications

Suitable for delivery of butane, propane and gases for domestic appliances.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances







- DIN 4815 Teil 1
- On inside diameter:** ± 0,50 mm
- On wall thickness:** ± 0,40 mm
- Length tolerance:** UNI EN ISO 1307/97 ± 1 %

Fittings

The hose is suitable for standard and DIN 74325 fittings.

Note

Available on request according to Danish norm under reference PROPADAN NA/L 6 N.D. mm 11x18 Approved by DGP (Danish Governmental Gas Institute).

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
PROPANDIN NA/L 6										
IH30410420/40	4	11	0,6	90,0	6	1,8	270,0	18	0,12	55
IH30410421/40	6,3	13,3	0,6	90,0	6	1,8	270,0	18	0,15	66,5
IH30410422/40	9,5	16,5	0,6	90,0	6	1,8	270,0	18	0,20	85
PROPANDIN NA/L 30										
IH30413491/40	4	12	3,0	450,0	30	9,0	1305,0	90	0,15	55
IH30413492/40	6,3	16,3	3,0	450,0	30	9,0	1305,0	90	0,26	66,5

DIN DVGW REG. NR. NG-4603 AQ1420 P53.6 (YEAR) MADE IN ITALY Parker ITR

DIN DVGW REG. NR. NG-4603 AQ1503 P53.30 (YEAR) MADE IN ITALY Parker ITR

PROPAN BS 3212/2 NA/L 20

Hose according to BS 3212 Type 2

Hose Construction

- Tube:** Black, smooth NBR/SBR rubber compound resistant to propane, butane and a mixture (LPG) of the two.
- Reinforcement:** Synthetic textile yarns
- Cover:** Orange, smooth NBR/PVC rubber compound resistant to ageing, abrasion and weathering



Tolerances

According to BS 3212 Type 2

On inside diameter:

- I.D. 6,3 mm: ± 0,60 mm
- > I.D. 6,3 mm: ± 0,80 mm

Length tolerance:







- UNI EN ISO 1307/97 ± 1 %

Applications

Designed for use in LPG vapour phase and LPG/air installation for applications not exceeding 17,5 bar working pressure.

Temperature Range

-25 °C (-13 °F) to +60 °C (+140 °F)

IHXXXXXXXXXX Part Number/ Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30412099/100	6,3	15	1,75	253,75	17,5	5,2	754,0	52	0,22	75
IH30412100/100	8	16	1,75	253,75	17,5	5,2	754,0	52	0,22	80
IH30412101/100	10	18,5	1,75	253,75	17,5	5,2	754,0	52	0,28	90



RUBBER HOSE BS 3212:1991/2 I.D. mm HIGH PRESSURE LPG - MADE IN ITALY - Parker ITR (Year month with traceability code)

PROPANPRESS UL-21 N/L

Hose according to UL-21 LP-GAS HOSE

Hose Construction

Tube: Black, smooth CR rubber compound
Reinforcement: Synthetic textile yarns
Cover: Black, smooth, CR rubber compound. Flame retardant. LPG, oils, abrasion, ozone, weather resistant



Applications







Flexible hose designed for conveying LPG in industrial applications. Not suitable for automotive applications.

Temperature Range

-40 °C (-40 °F) to +60 °C (+140 °F)

Tolerances

On inside diameter: ± 0,80 mm
On outside diameter: ± 1,00 mm
Length tolerance: UNI EN ISO 1307/97 ± 1 %

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30412110/100	6,3	15	2,4	348,0	24	12,1	1754,5	121	0,22	65

RUBBER LPG HOSE – PROPANPRESS UL 21 – MWP 350 psi/2400 kPa – MADE IN ITALY – Parker ITR
 Month/Year with traceability code

MULTIGASPRESS EN 559 NRA/L 20**Hose Construction**

- Tube:** Black, smooth NBR rubber compound suitable for all fuel gases included in the EN 559 Norm except fluxed fuel gases
- Reinforcement:** Synthetic textile yarns
- Cover:** Red/orange, PVC/NBR, smooth rubber compound. Resistant to ageing, weathering, pin-pricked cover to prevent blisters during use.

**Applications**







Suitable for all fuel gases included in the EN 559 Norm (except fluxed fuel gases) like: acetylene, LPG, MPS, natural gas, methane.

Tolerances

- EN 559
- On inside diameter:**
- ≤ I.D. 6,3 mm: ± 0,40 mm
 - > I.D. 8 - 10 mm: ± 0,50 mm
 - > I.D. 12,5 mm: ± 0,60 mm
- Length tolerance:**
- UNI EN ISO 1307: ± 1 %

Temperature Range

-25 °C (-13 °F) to +70 °C (+158 °F)

IHXXXXXXXXXX Part Number/ Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30412960/40	6,3	13,3	2,0	300	20	6,0	900	60	0,17	50
IH30412960/100	6,3	13,3	2,0	300	20	6,0	900	60	0,17	50
IH30412961/40	8	15	2,0	300	20	6,0	900	60	0,19	65
IH30412961/100	8	15	2,0	300	20	6,0	900	60	0,19	65
IH30412962/40	9	16	2,0	300	20	6,0	900	60	0,21	70
IH30412962/100	9	16	2,0	300	20	6,0	900	60	0,21	70
IH30412963/40	10	17	2,0	300	20	6,0	900	60	0,23	80
H30412963/100	10	17	2,0	300	20	6,0	900	60	0,23	80
IH30412964/40	12,5	22,5	2,0	300	20	6,0	900	60	0,41	105
IH30412964/100	12,5	22,5	2,0	300	20	6,0	900	60	0,41	105
IH30412965/40	16	26	2,0	300	20	6,0	900	60	0,44	150
IH30412965/80	16	26	2,0	300	20	6,0	900	60	0,44	150

RUBBER HOSE MULTIGASPRESS EN 559 - 2 MPa (20 bar) - I.D. - MADE IN ITALY Parker ITR (Year with the traceability code)

INERPRESS EN 559 N/L 20

Hose according to EN 559

Hose Construction

- Tube:** Black, smooth SBR rubber compound, resistant to inert gases. Not suitable for LPG
- Reinforcement:** Synthetic textile yarns
- Cover:** Smooth (/L), SBR/EPDM rubber compound resistant to abrasion, ageing



Tolerances







- EN 559
- On inside diameter:**
- ≤ I.D. 6,3 mm: ± 0,40 mm
 - > I.D. 6,3 mm: ± 0,50 mm
- Length tolerance:**
- UNI EN ISO 1307/97 ± 1 %

Applications

Designed for delivery of inert gases.

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30413600/100	5	12	2,0	300,0	20	6,0	900,0	60	0,13	40
IH30412940/40	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412940/80	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30413603/40	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30413603/80	8	15	2,0	300,0	20	6,0	900,0	60	0,17	40
IH30412941/40	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50
IH30412941/80	10	17	2,0	300,0	20	6,0	900,0	60	0,20	50

PROPANPRESS EN 559 NA/L 20

Hose according to EN 559

Hose Construction

- Tube:** Black, LPG resistant smooth NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Orange, smooth PVC/NBR rubber compound resistant to ageing and weathering, pin-pricked cover to prevent blisters during use

**Applications**

Suitable for LPG in industrial applications.

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances

EN 559







On inside diameter:

≤ I.D. 6,3 mm: ± 0,40 mm

> I.D. 6,3 mm: ± 0,50 mm

Length tolerance:

UNI EN ISO 1307/97 ± 1 %

IHXXXXXXXXXX Part Number/ Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30413456/100	6,3	13,3	2,0	300,0	20	6,0	900,0	60	0,16	50
IH30413457/100	8	15	2,0	300,0	20	6,0	900,0	60	0,18	65
IH30413459/100	8,5	16	2,0	300,0	20	6,0	900,0	60	0,21	70
IH30413458/100	10	17	2,0	300,0	20	6,0	900,0	60	0,22	80



RUBBER HOSE PROPANPRESS EN 559 - 2MPa (20 bar) - I.D. - MADE IN ITALY Parker ITR (Year with the traceability code)

