



AUTOGENE EN ISO 3821 NR/L – NB/L 20

According to EN ISO 3821

Designed for delivery of welding and allied process gases.

Hose Construction

- Tube:

Black, smooth EPDM rubber compound resistant to Acetylene gas (Red cover). Black, smooth EPDM/SBR rubber compound resistant to Oxygen gas (Blue cover). Not suitable for LPG, good resistance to ignition (Red and Blue)
- Reinforcement:

Synthetic textile yarns
- Cover:

Smooth and pin pricked, red (NR) or blue (NB) EPDM rubber compound resistant to abrasion, ageing hot surfaces and incandescent particles



- For welding in industrial and domestic application
- Colored cover following specs indication: Red for Acetylene and Blue for Oxygen
- Exceeds the standard on backfire test
- Excellent flexibility
- Design Factor 3:1

Tolerances

According to EN ISO 3821
Refer to Technical Handbook on page TH34

Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Part Number			 Max. Working Pressure			 Weight	 min. Bend Radius
	I.D. (mm)	O.D. (mm)	MPa	psi	bar	kg/m	mm
AUTOGENE EN ISO 3821 NR/L 20							
IH30412803/40	6.3	13.3	2.0	300.0	20	0.15	40
IH30412914/100	8	15	2.0	300.0	20	0.17	40
IH30412716/40	9	16	2.0	300.0	20	0.19	45
IH30412716/100	9	16	2.0	300.0	20	0.19	45
IH30413221/40	10	17	2.0	300.0	20	0.20	50
AUTOGENE EN ISO 3821 NB/L 20							
IH30412703/40	6.3	13.3	2.0	300.0	20	0.15	40
IH30412915/100	8	15	2.0	300.0	20	0.17	40
IH30412707/40	9	16	2.0	300.0	20	0.22	50
IH30412707/100	9	16	2.0	300.0	20	0.22	50
IH30413220/40	10	17	2.0	300.0	20	0.24	50

IMPORTANT!

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

Hose layline example

RUBBER HOSE – EN ISO 3821 – 2 MPa (20 bar) – I.D. (Year with traceability code)		MCXX
RUBBER HOSE – EN ISO 3821 – 2 MPa (20 bar) – I.D. (Year with traceability code)		MCXX