



# CLESSINOX

## STAINLESS STEEL

DN12 - 35kW

DN16 - 70kW



Clessinox Flexible Stainless Steel hose is the modern alternative to rubber and meets the requirements of installation standard BS6891:2015. It is optimized to give low pressure loss, and conforms to manufacturing standard BS EN ISO 10380.

- **LPG Installation standard BS6891:2015** – The specification for installation and maintenance of low pressure pipework requires the outlet hose to be armour protected from rodent attack.
- **Supplied in 2 diameters** DN12 to satisfy installations up to 35kW. DN16 to satisfy installation up to 70kW. Both sizes of hose are declared with a 1mb pressure loss per metre.
- **Rubber hose without armoured** protection no longer meets the requirements of BS6891:2015.

- Rodent resistant
- Ultraset – new improved excess flow system
- UV stabilised outer cover
- Improved durability over rubber
- Wide bore design with reduced pressure loss
- Exceeds standard pull test requirements
- Highly flexible
- Traceable manufacturing
- No internal rubber components
- Plasticiser free
- Cost effective
- Fully recyclable & environmentally friendly



**Clessinox is a stainless steel convoluted walled hose covered with a protective UV stabilised PVC outer sleeve, providing a durable, flexible solution in gas installations and an alternative to rubber and rubber armoured hose. Specifically designed for use with LPG and Natural Gas in accordance to BS 6891:2015, BS 5482 and Liquid Gas UK COP.**

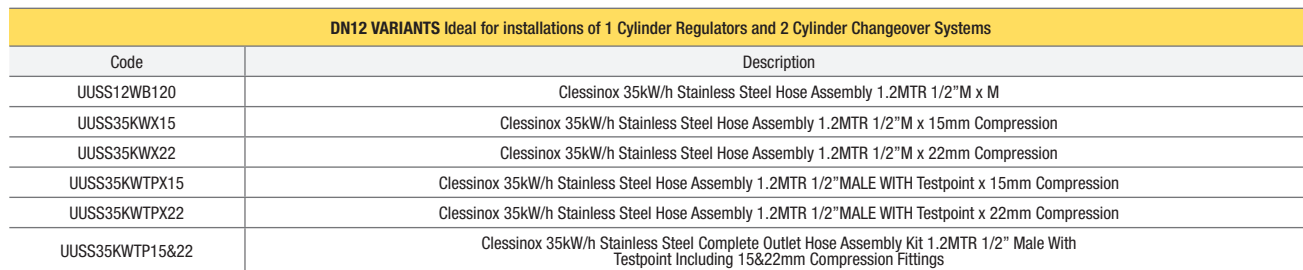
### Markings on Hose

- DN** - Nominal inside bore diameter
- PN** - Maximum Operating Pressure in bar (0.5bar is 500mb)
- MM/20XX** - Date of Manufacture, Month / Year
- Pd** - Pressure differential rating - pressure drop expected from the hose per 1mb in kW per metre (2 bends in pipework)

Clessinox is marked with the expected pressure drop and aids the installer to ensure the installation meets the 2mb pipework maximum permissible pressure drop requirements of BS6891. i.e. a 1.2m hose using Clessinox DN16 at 70kW/metre/1mb will have a Pd of 1.2mb. Using the same hose at a reduced 50kW, pressure drop is calculated as  $1.2 \times (50/70) = 0.85mb$ .

**Service life** - Normally 10 years depending on installation and use conditions. Visit the Clesse website for further installation recommendations - all hoses should be checked regularly and replaced if damaged or leaking.

Should you have any questions regarding the new standards, hoses & other products please contact the Clesse technical support centre.



DN16 VARIANTS Ideal for larger capacity installations of more than 2 Cylinders, 2nd Stage Regulators & Meterboxes	
Code	Description
UUSS16WB120	Clessinox 70kW/h Stainless Steel Hose Assembly 1.2MTR 1/2" M x M
UUSS70KW15	Clessinox 70kW/h Stainless Steel Hose Assembly 1.2MTR 1/2" M x 15mm Compression
UUSS70KW22	Clessinox 70kW/h Stainless Steel Hose Assembly 1.2MTR 1/2" M x 22mm Compression
UUSS70KWTPX15	Clessinox 70kW/h Stainless Steel Hose Assembly 1.2MTR 1/2" MALE WITH TESTPOINT x 15mm Compression
UUSS70KWTPX22	Clessinox 70kW/h Stainless Steel Hose Assembly 1.2MTR 1/2" Male With Testpoint x 22mm Compression
UUSS70KWTP15&22	Clessinox 70kW/h Stainless Steel Complete Outlet Hose Assembly Kit 1.2MTR 1/2" Male With Testpoint Including 15&22mm Compression Fittings

When installing, visually use the yellow line to ensure hoses are not twisted or subjected to torsional forces. Torque can occur upon installation or when the hose is in use, never support weight from the hose - **inspect regularly**.

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