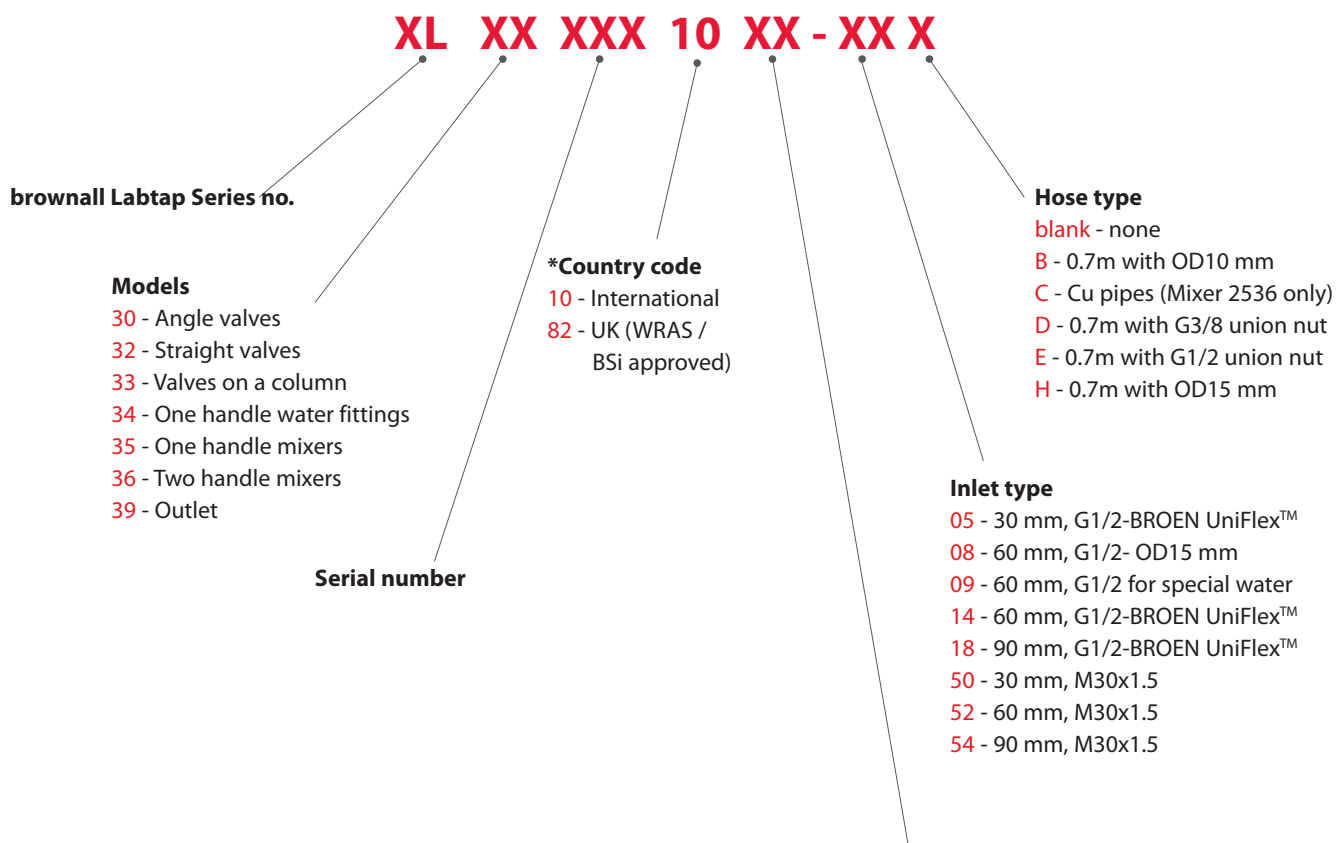






























- ordering information

Generally, item numbers for **brownall Labtap®** fittings have the following structure



Media code	
 01 - Water potable, cold (WPC)	 23 - Nitrogen (N ₂)
 02 - Water potable, hot (WPH)	 24 - Carbon Dioxide (CO ₂)
 03 - Distilled water (WDI)	 25 - Argon (Ar)
 07 - Water non-potable, cold (WNC)	 26 - Helium (He)
 08 - Water non-potable, hot (WNH)	 27 - Dinitrogen monoxide, nitrous oxide (N ₂ O)
 09 - Natural gas (G)	 28 - Low vacuum - 100 kPa to 0,1 kPa (V)
 11 - Liquefied petrol gas (LPG)	 29 - Fine vacuum - 0,1 kPa to 0,001 kPa (VF)
 13 - Butane (C ₄ H ₁₀)	 30 - High vacuum - 0,1 kPa to 0,0000001 kPa (VH)
 15 - Propane (C ₃ H ₈)	 35 - Tempered water (one handle mixer)
 17 - Acetylene (C ₂ H ₂)	 36 - Deionised water, cold (WDC)
 19 - Hydrogen (H ₂)	  39 - Water potable (WPC /WPH)
 21 - Compressed air (CA)	  40 - Water non-potable (WNC /WNH)
 22 - Oxygen (O ₂)	 46 - Methane (CH ₄)

- headworks

02557300

Technical gases

Needle headwork

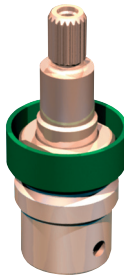
Green indication ring:

Headwork for non-toxic, non-corrosive, non-burning 2.0 gases (Air, Nitrogen, Carbon dioxide, Argon, Helium etc.). PVDF sealing.

Open/closing function: 3 x 360°.

Allowable pressure test after installation: 1.5 x max. working pressure without function of the valve.

Leak rate: 15 mm³/sec. at 6 bar compressed air (differential pressure method).

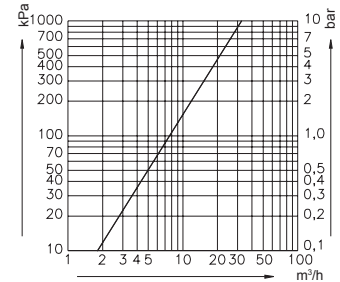


Maximum working pressures:

kPa	bar	psi
1600	16	232

Pressure in relation to atmospheric pressure.

Flowcurve



19154400

Technical gases

Micro flow headwork

Headwork for non-toxic, non-corrosive, non-burning 2.0 gases (Air, Nitrogen, Carbon dioxide, Argon, Helium etc.). PVDF sealing.

The micro flow headwork offers flow regulation characteristics where the flow of gas is close to zero.

Open/closing function: 7.5 x 360°.

Maximum test pressure without function of the valve:

1.5 x working pressure

Leak rate: 15 mm³/sec. at 6 bar compressed air (differential pressure method).

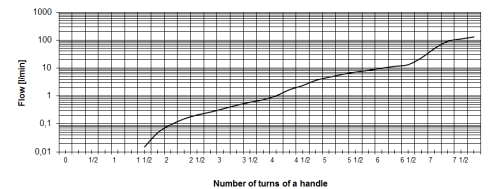


Maximum working pressures:

kPa	bar	psi
1600	16	232

Pressure in relation to atmospheric pressure.

Flowcurve



Technical 4.0 gases (Oxygen)

Needle headwork

Not available as a spare part (for safety reasons).

Blue indication ring:

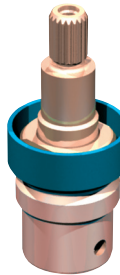
Needle headwork for non-toxic, non-corrosive, non-burning 4.0 gases (Air, Nitrogen, Carbon Dioxide, Argon, Helium etc.) and **Oxygen**

PVDF sealing.

Open/closing function: 3 x 360°.

Allowable pressure test after installation: 1.5 x max. working pressure without function of the valve.

Leak rate: 15 mm³/sec. at 6 bar compressed air (differential pressure method).

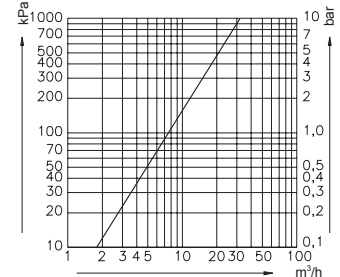


Maximum working pressures:

kPa	bar	psi
1600	16	232

Pressure in relation to atmospheric pressure.

Flowcurve



- technical gas fittings

XL 3200110XX-52H

Technical gases

Bench mounted

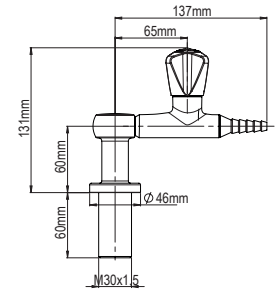
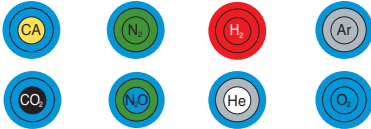
Needle valve fitting with fixed nozzle.

For Oxygen and other 4.0 gases please order XL3207510XX-52H.

Weight: Approx. 1 kg

Media colour coding:

For media code XX please refer to page 3.



XL 3200810XX-52H

Technical gases

Bench mounted

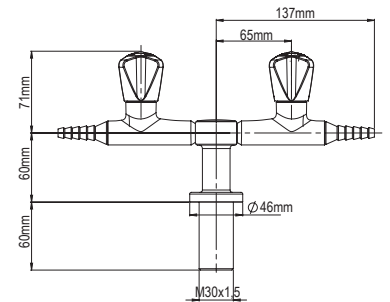
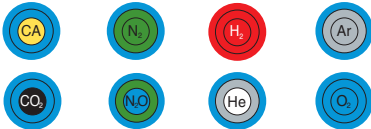
Two-way needle valve fitting 180° with fixed nozzles.

For Oxygen and other 4.0 gases please order XL3207610XX-52H.

Weight: Approx. 1.5 kg

Media colour coding:

For media code XX please refer to page 3.



XL 3201410XX-52H

Technical gases

Bench mounted

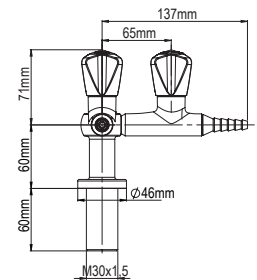
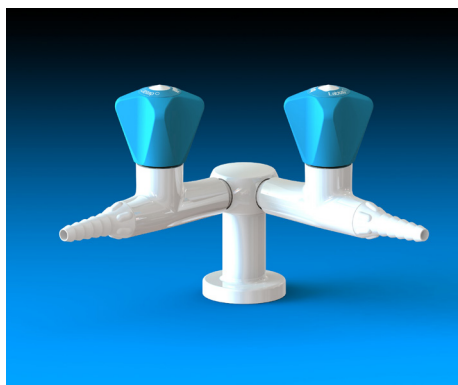
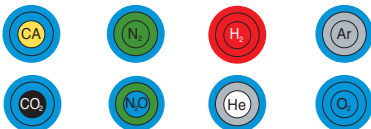
Two-way needle valve fitting 90° with fixed nozzles.

For Oxygen and other 4.0 gases please order XL3206310XX-52H.

Weight: Approx. 1.5 kg

Media colour coding:

For media code XX please refer to page 3.



XL 3202010XX-52H

Technical gases

Bench mounted

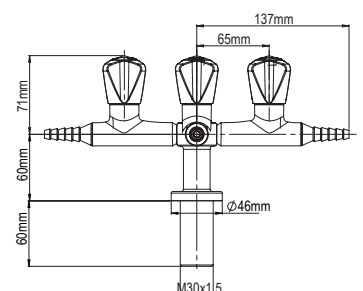
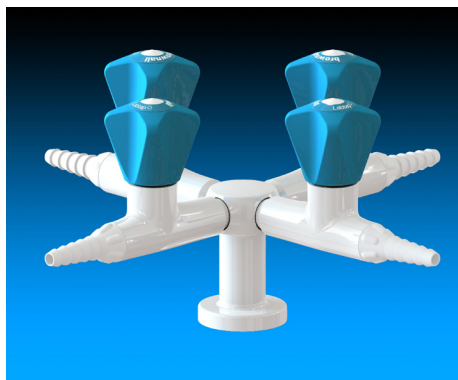
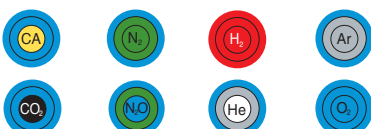
Four-way needle valve fitting with fixed nozzles.

For Oxygen and other 4.0 gases please order XL3209110XX-52H.

Weight: Approx. 2.3 kg

Media colour coding:

For media code XX please refer to page 3.



- technical gas fittings

XL 3219210XX-14

Technical gases

Wall mounted

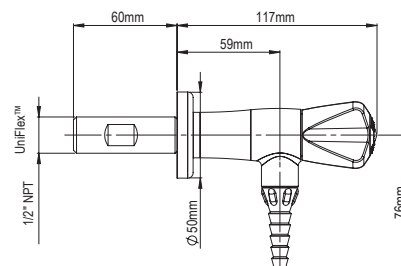
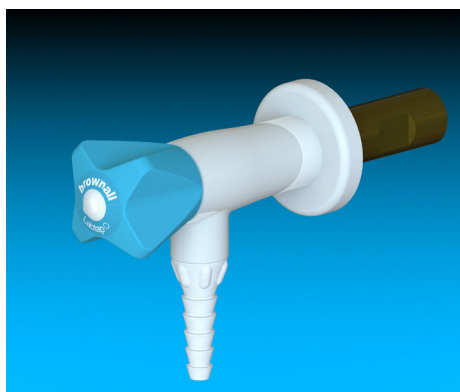
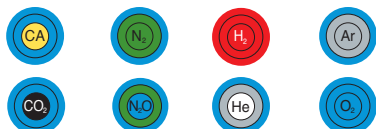
Angle needle valve fitting with fixed nozzle.

For Oxygen and other 4.0 gases please order XL 3216810XX-14

Weight: Approx. 0.1 kg

Media colour coding:

Please indicate when ordering



XL 1270-0

Technical gases

Wall/suspended mounted

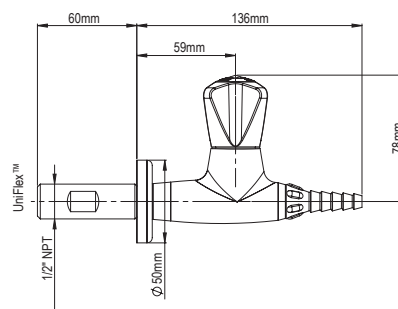
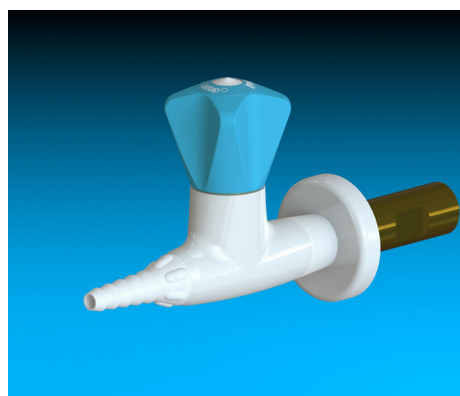
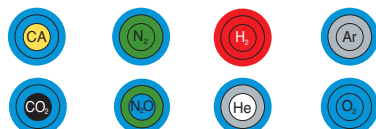
Needle valve fitting with fixed nozzle.

For Oxygen and other 4.0 gases please order XL1270-6.

Weight: Approx. 0.9 kg

Media colour coding:

Please indicate when ordering



- technical gas fittings

XL 3205010XX-52H

Technical gases

Wall/suspended mounted

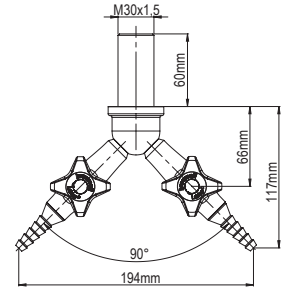
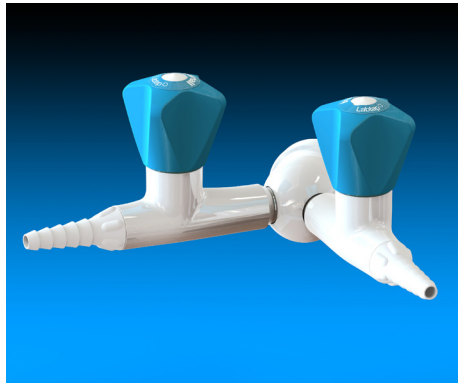
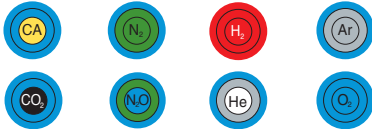
Two-way needle valve fitting 90° with fixed nozzles.

For Oxygen and other 4.0 gases please order XL3206410XX-52H.

Weight: Approx. 1.6 kg

Media colour coding:

For media code XX please refer to page 3.



XL 3004210XX-52H

Technical gases

Suspended mounted

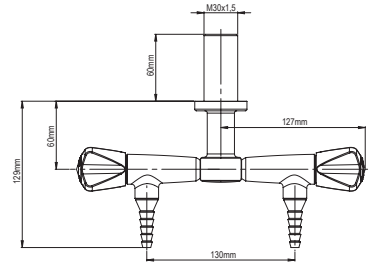
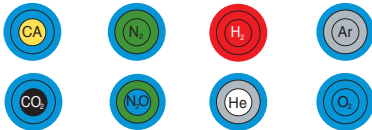
Two-way needle valve fitting 180° with fixed nozzles.

For Oxygen and other 4.0 gases please order XL3207310XX-52H.

Weight: Approx. 1.4 kg

Media colour coding:

For media code XX please refer to page 3.



XL 3008010XX-52H

Technical gases

Suspended mounted

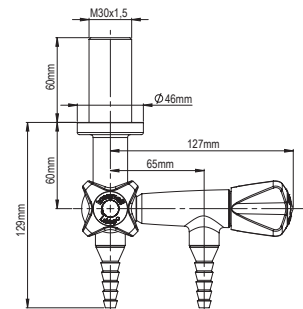
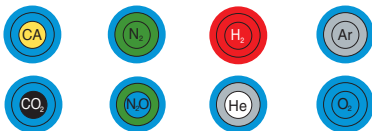
Two-way needle valve fitting 90° with fixed nozzles.

For Oxygen and other 4.0 gases please order XL33013110XX-52H.

Weight: Approx. 1.4 kg

Media colour coding:

For media code XX please refer to page 3.



93T15201000

Technical gases

Flexible hose "H"

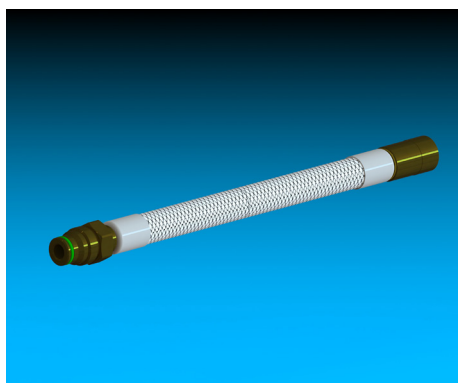
Flexible SPX hose for technical gases.

Inlet connection: OD15 mm

Length: 1000 mm

For other connections and lengths please contact your sales representative.

For technical information please request document 99G0005.



All fittings for technical gases that have "-52H" at the end of the item number are delivered with 1000 mm flexible SPX hose with OD15 mm inlet connection. For other fittings with threaded inlets this hose should be ordered separately. Please refer to page 39 or contact your sales representative for more information.