

## FILLSAFE FUELLING HOSES

NanoSUN's FillSafe Fuelling Hoses are engineered to safely and simply transfer hydrogen from one receptacle to another.

The hoses use a decant method to transfer hydrogen into target tanks and the fill efficiency is dependent on source cylinder pressure.

The FillSafe Hoses are capable of refuelling up to a maximum working pressure of 300 bar.



### Key Features

The **lowest cost** technical solution for hydrogen refuelling.

**Simple** to use.



## System Specification

### 300 bar FillSafe Hose

<b>Inlet Pressure (bar)</b>	300
<b>Outlet Pressure (bar)</b>	300
<b>Inlet Connection</b>	ISO 5145 No.38
<b>Flow Restrictor</b>	Sized to meet customer cylinder and fill rate requirements
<b>Outlet Connection</b>	Options available include 8mm PCP coupler or RBL03/06
<b>Length (m)</b>	~1.2
<b>Weight (kg)</b>	~1.2

## System Features

Incorporated anti-whip cable along hose with earthing wire

Built in filter to protect flow restrictor and hydrogen tank from dirt

Simple to operate bleed valve to purge hose of any gas once filling is complete

Microbore design limits volume of gas within hose and prevents air inclusion

## Ordering Information

Part No	Description
CON-300-300-1WP/R	300 bar working pressure decant hose

Contact us at:

Tel: +44 (0) 1524 63517

Email: [info@nanosun.co.uk](mailto:info@nanosun.co.uk)

Find out more!



© NanoSUN Limited 2021. The NanoSUN name, logo, and other trade brands/names referenced herein are trademarks or registered trademarks of NanoSUN Ltd or its group companies, whether or not they are used with trademark symbol "TM" or "®". Disclaimer: The information contained in this publication is intended only as a guide and is subject to change as a result of the constant evolution of NanoSUN's business and its technology. This publication and its contents (i) are not definitive or contractually binding; (ii) do not include all details which may be relevant to particular circumstances; and (iii) should not be regarded as being a complete source of information. To the fullest extent permitted by law, NanoSUN offers no warranty as to the accuracy of the content of this publication, shall not be liable for the content of this publication and no element of this publication shall form the basis of any contractual relationship with a third party or be used by any third party as the basis for its decision to enter into a contractual relationship with NanoSUN. Published by: NanoSUN Ltd, Abraham Heights Farm, Westbourne Road, Lancaster, LA1 5EF (Registered in England with company number: 10956325). Printed March 2021. All information correct at time of going to print.