



# CRYOGENIC PRODUCTS & SERVICES

Design

Installation

Service

Inspection

THAMES CRYOGENICS LTD

Total Cryogenic Solutions



## DECANT FLEXIBLE HOSES

Decant Flexible Hoses are a special variant of our non vacuum insulated hoses made specifically for the purpose of decanting liquid nitrogen from a pressurised dewar or SILV into an open vessel. The hoses are typically 1 - 2m in length and come fitted with a rigid tube, sinter and handle. The sinter is designed to give a good gas-free stream of liquid into the vessel and is protected by a shroud to prevent damage.

### Key Features

- Made to order in any length you require but typically 1 - 2m.
- Braided stainless outer – gives superior durability. (Griplock outer also available)
- Wide choice of end fittings available to suit every installation.
- Good bend radius even when cold, makes awkward installations more manageable.
- Can be supplied with conventional insulation if required.
- Small outer diameter in comparison to VI flexible hoses.
- Choice of diameters to suit all flow requirements

### Applications

Decant flexible hoses are made entirely of austenitic stainless steel.

Typically they are used to decant liquid nitrogen from a pressurised source (vessel or pipeline) into an open vessel.

Decant hoses have a handle fitted to allow the user to maintain good control of the hose whilst decanting, whilst at the same time removing the user from direct contact with the hose itself.

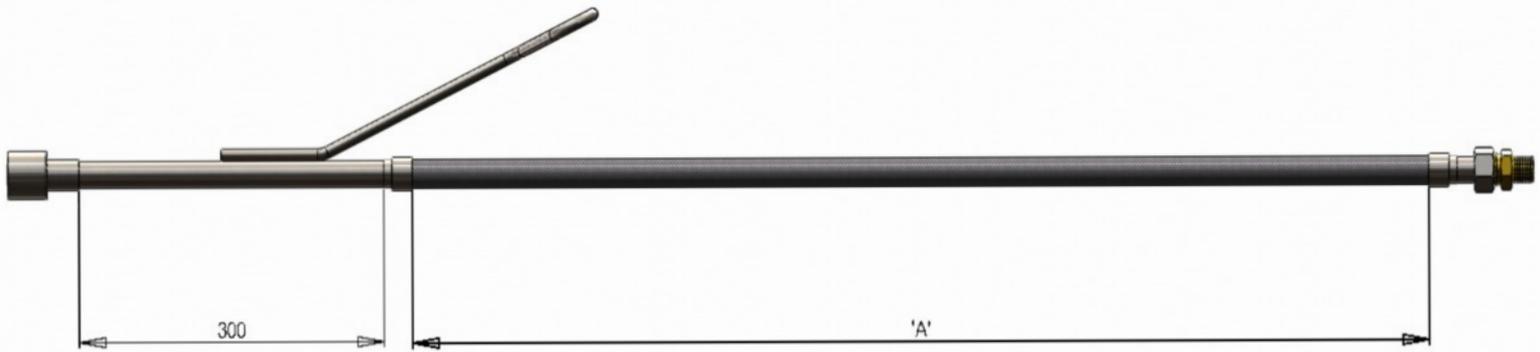
The decent end of the hose is terminated in a rigid dip tube to allow for easy insertion into the vessel being filled.

The dip tube is fitted with a sinter to give a gas-free liquid stream into the vessel. The sinter is protected by a shroud to prevent damage when the hose is dropped on the ground.

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## Flexible Hose Lengths

When asking for a quote for a Decant flexible please specify a dimension for 'A'. End fittings can be added upon request. (See separate end fittings drawing under downloads)

Our standard Decant flexible is made with 1/2"NB flexible, if you require an alternative size please contact us.