



# 149 - H2 REFUEL 7k

Thermoplastic hose H35 category for Hydrogen refueling applications up to 500 bar (7000 psi).



## FEATURES

### Inner tube

Special polyamide

### Reinforcement

One or two braids of aramid fiber plus one braid of steel wire

### Cover

Polyurethane - turquoise - pinpricked - laser branding

### Applications

Refueling hose for mobile and stationary units used to refill H2 vehicles tanks - H2 transfer lines

### Features

Static charge dissipating thanks to the conductive inner tube - Optimum bonding between tube braids and cover - Non metallic design - Lightweight and flexible - Extra tough cover for abrasion resistance

### Description

High pressure hose for H2 refueling applications featuring conductive inner tube to dissipate static electric build up - Extra tough cover for abrasion water and micro biological resistance - Non metallic lightweight design for easy handling and manipulation - Rugged construction to give kink, crush, twist and pull resistance.

### Temperature Range


-40 °C to +65 °C (-40 °F to +149 °F). Accordingly to ISO 19880-5

### Specification

Meets test requirements of ISO 19880-5:2019

**Available As Factory Made Assemblies: Please Contact Our Sales Office For Further Details.**

### Standard Branding

 **TRANSFER OIL** - TO INDUSTRIAL - Part No - H2 REFUEL 7K - Inch Size - DN Size - WP bar / psi - MADE IN ITALY - [www.transferoil.com](http://www.transferoil.com) - QQ/YY - Batch No

Part no.	DN	Inches	Dash	ID (mm)	OD (mm)	WP (bar)	BP (bar)	ID (inch)	OD (inch)	WP (psi)	BP (psi)	SF	BR (mm)	BR (inch)	Weight (gr/m)	Weight (lb/ft)	Ferrule standard	Ferrule A316L
1492	DN6	1/4	-4	6.6	13.4	500	2000	0.260	0.528	7000	28000	4:1	100	3.94	197	0.132		SAH821
1494	DN10	3/8	-6	9.7	18.2	500	2000	0.382	0.717	7000	28000	4:1	150	5.91	310	0.208		SAH841

## AVAILABLE INSERTS

Part	Dash	Inch	DN	F-BSPP	F-JIC	F-TYPE	M-BSPP
1492	-4	1/4	DN6	SOA	SOH	SOQ	SOB
1494	-6	3/8	DN10	SOA	SOH		SOB

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*Dimensions and values shown may be changed without prior notice to improve product performances and reliability.*

*Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.*

*Document date: 17/08/2025*

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