



## 185 - H2 REFUEL 10k

Thermoplastic hose H50 category for Hydrogen refueling applications up to 700 bar (10000 psi).



### FEATURES

#### Inner Tube

Special polyamide

#### Reinforcement

One braid of aramid fiber plus one braid of steel wire

#### Cover

Polyurethane - turquoise - pinpricked - laser branding

#### Applications

Very High Pressure hose suitable for hydrogen applications

#### Features

Combined aramid steel braid construction for compact design - Lightweight and flexible - Low bend radii for use in tight environments - Antiabrasion, water, micro-biological, UV and ozone resistant cover - Pinpricked cover

#### Description

High pressure hose suitable for hydrogen refueling applications featuring metallic braid and special conductive inner tube to dissipate static electric build up - Extra tough cover for abrasion water and micro-biological resistance - Rugged construction to give kink, crush, twist and pull resistance - Connection hose from dispenser to fueling nozzle for gaseous compressed hydrogen - Use with hydrogen gas, high pressure, low-temperature ( -40°C | -40°F).

#### 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 10k  
- 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
1852	DN6	1/4	-4	6.6	13.6	700	2800	0.260	0.535	10000	40000	4:1	150	5.91	190	0.128		SAH821
1854	DN10	3/8	-6	9.7	19.0	700	2800	0.382	0.748	10000	40000	4:1	150	5.91	329	0.221		SAH841

### AVAILABLE INSERTS

Part	Dash	Inch	DN	F-BSPP	F-JIC	F-TYPE	M-BSPP
1852	-4	1/4	DN6	SOA	SOH	SOQ	SOB
1854	-6	3/8	DN10	SOA	SOH		SOB

*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: 31/08/2025*  
*[www.transferoil.com](http://www.transferoil.com)*