

185 Hydrogen Refuelling

Thermoplastic hose for Hydrogen refuelling applications
Up to 700 bar (10000 psi)



FEATURES

Inner Tube

Coextruded conductive polyamide and polyamide PA12

Reinforcement

One braid of aramid fiber plus one braid of steel wire

Cover

Polyurethane, turquoise, pinpricked, black ink-jet 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 on hose reels and in tight environments
- Antiabrasion cover with water, micro biological, ultraviolet and ozone resistance
- 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 fuelling nozzle for gaseous compressed hydrogen. Use with hydrogen gas, high pressure, low-temperature ($\geq -40^{\circ}\text{C}$).

Temperature Range

-40°C to $+80^{\circ}\text{C}$
(-40°F to $+176^{\circ}\text{F}$)

APPLICATIONS



PACKAGING



Part No.	Hose size			ID		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.	
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar	psi		mm	inch	g/m	lbs/ft	carbon	stainless
1852	-4	1/4"	6	6,6	0,260	13,4	0,528	700	10000	2800	40000	4:1	35	1,378	200	0,134	SAF121	SAF821

INDUSTRIAL
AUTOMATION

GAS

FUEL

CHEMICALS

WATER