

Hydralite

FH350 Hydralite Hose

Type FH350 Nomex/Stainless Braided

Smooth Bore Teflon® Racing Hose

The type FH350 hose is the first smooth bore Teflon® hose with the flexibility of rubber and providing up to 50% weight saving over standard stainless/rubber hose.

The smooth bore has superior flow characteristics offering reduced turbulence and pressure loss compared to convoluted PTFE hose.

The Teflon® core of the FH350 hose eliminates the permeation of fuel through the inner core and is approved to aerospace specification SAE AS 4468.

- Inner Core: Teflon® White or carbon Impregnated Anti-Static
- Outer Core: Silicone
- Reinforcement: Stainless Steel Wire Braid
- Outer Braid: Nomex with Kevlar Trace
- Temperature: -50°C to +160°C (-65°F to +350°F)
- Fittings: Permanently attached
- Applications: Fuel, Oil and Coolant



Code	Dash Size	ID (mm)	OD (mm)	Operating Pressure (PSI/Bar)	Min. Burst Pressure (PSI/Bar)	Min. Bend Radius (mm)	Weight (grams per metre)
FH350-04	4	6.35	10.15	400	1600	12.70	70
FH350-06	6	9.50	14.00	300	1200	19.00	115
FH350-08	8	12.70	17.30	250	1000	25.40	159
FH350-10	10	15.90	21.00	200	800	31.75	204
FH350-12	12	19.00	24.40	200	800	38.00	250
FH350-16	16	25.40	30.75	150	600	50.80	338

FH350 Hydralite Hose Fittings



Straight Swivel Female

Code	JIC/UNF Thread	Hose Dash Size	Material
F40-1A-ED	7/16 x 20	-4	D
F40-1A-GD	9/16 x 18	-6	D
F40-1A-HD	3/4 x 16	-8	D
F40-1A-JD	7/8 x 14	-10	D
F40-1A-KD	1-1/16 x 12	-12	D
F40-1A-MD	1-5/16 x 12	-16	D



45° Swivel Female

Code	JIC/UNF Thread	Hose Dash Size	Material
F40-1E-GD	9/16 x 18	-6	D
F40-1E-HD	3/4 x 16	-8	D
F40-1E-JD	7/8 x 14	-10	D
F40-1E-KD	1-1/16 x 12	-12	D
F40-1E-MD	1-5/16 x 12	-16	D



90° Swept Swivel Female

Code	JIC/UNF Thread	Hose Dash Size	Material
F40-1G-GD	9/16 x 18	-6	D
F40-1G-HD	3/4 x 16	-8	D
F40-1G-JD	7/8 x 14	-10	D
F40-1G-KD	1-1/16 x 12	-12	D
F40-1G-MD	1-5/16 x 12	-16	D



120° Swept Swivel Female

Code	JIC/UNF Thread	Hose Dash Size	Material
F40-1H-GD	9/16 x 18	-6	D
F40-1H-HD	3/4 x 16	-8	D
F40-1H-JD	7/8 x 14	-10	D
F40-1H-KD	1-1/16 x 12	-12	D
F40-1H-MD	1-5/16 x 12	-16	D



180° Swept Swivel Female

Code	JIC/UNF Thread	Hose Dash Size	Material
F40-1K-GD	9/16 x 18	-6	D
F40-1K-HD	3/4 x 16	-8	D
F40-1K-JD	7/8 x 14	-10	D
F40-1K-KD	1-1/16 x 12	-12	D



Hydraflow Clamp to Hydralite Hose

Code	JIC/UNF Thread	Hose Dash Size	Material
F40-2A-J	-10	-10	D
F40-2A-K	-12	-12	D
F40-2A-M	-16	-16	D
F40-2E-J	-10	-10	D
F40-2G-K	-12	-12	D

FH350 Hydralite Hose Crimping Machine



Hydralite Crimping Machine IP30

A high quality fully self contained and mobile crimping machine which enables simple and fool-proof construction of all sizes of Hydralite Hose assemblies due to its preset crimping diameters. With die sets available from Dash 4 through to Dash 20.

The unit is supplied in a sturdy carrying case incorporating a die set compartment.

This machine can be used to crimp other types/brand of hose providing the correct dies are used.

Code	Size
IP30-04	-4
IP30-06	-6
IP30-08	-8
IP30-10	-10
IP30-12	-12
IP30-20	-20