

Flexible Metal Hose

Models 1M and 2M

Stainless steel flexible metal hoses are fabricated from corrugated 316L Stainless Steel innercore reinforced with a stainless steel braid. Both the innercore and double braids are heliarc welded to the end fitting.

For applications which require constant handling and flexing, the Model 2M with armor casing provides protection from kinking, braid abrasion or stress at the ends.

Model Number		Length	
1/4" NPT Female x 1/4" NPT Female	1/4" NPT Male x 1/4" NPT Female	inches	mm
Q81M1F4A24	Q81M1F4B24	24	610
Q81M1F4A36	Q81M1F4B36	36	914
Q81M1F4A42	Q81M1F4B42	42	1070
Q81M1F4A48	Q81M1F4B48	48	1220
Q81M1F4A60	Q81M1F4B60	60	1520
Q81M1F4A72	Q81M1F4B72	72	1830

Hoses with Interlock Armor Casing

Model Number		Length	
1/4" NPT Female x 1/4" NPT Female	1/4" NPT Male x 1/4" NPT Female	inches	mm
Q82M1F4A24	Q82M1F4B24	24	610
Q82M1F4A42	Q82M1F4B42	42	1070
Q82M1F4A60	Q82M1F4B60	60	1520

Benefits/Features

Stainless steel construction for excellent corrosion and diffusion resistance.

Close pitch, high convolution count annular innercore has excellent flexibility, less force to bend and can withstand continual flexing.

All hoses cleaned for oxygen service.

Product is identified with metal I.D. tags for pressure rating, part number and date of manufacture.

Specifications

Internal Diameter: 1/4" (6 mm) minimum

Working Pressure:

3200 psig @ 70°F (221 bar @ 20°C)

2500 psig @ 500°F (172 bar @ 260°C)

End Fittings: 1/4" NPT Female x Female or 1/4" NPT Male x Female (other fittings available)

Materials of Construction

Innercore: 316L Stainless Steel

Braid: 321 Stainless Steel

End Fittings: 316L Stainless Steel