

DH400™

High Pressure Flexible Tubes



A three-ply,
polyamide-fabric
braid-polyamide,
flexible tube with
factory installed
400 or 300 Series
stainless steel tips.

APPLICATIONS

Used in systems where high pressure flexible connections are needed to facilitate frequent make and break operations, allow individual movement of components under pressure and/or withstand high frequency vibration.

FEATURES

Lightweight - Tube weight is only 0.5 oz/yd of length (16 g/m).

Working Pressure - Up to 6 000 psi (41 MPa).

Flexibility - Bending radius of 15/16 in. (2.4 cm) at maximum operating pressure.

Temperature - No derating of operating pressure for temperatures from -30 to 212 °F (-34 to 100 °C).

Weather - Inert to ozone and ultraviolet.

Safety - Burst pressure of 20 000 psi (138 MPa) for a 3.3 margin with operating pressure.

Aging - Negligible humidity absorption.

Growth - Less than 5 % physical change overall at maximum operating pressure.

Chemical Resistance - Compatible with an extremely wide range of liquid and gas media.

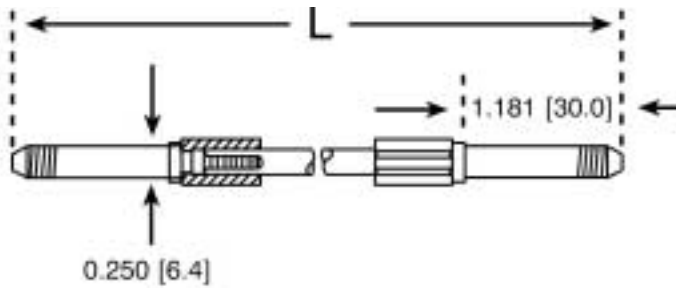


Calibration Solutions
for Pressure
and Flow™

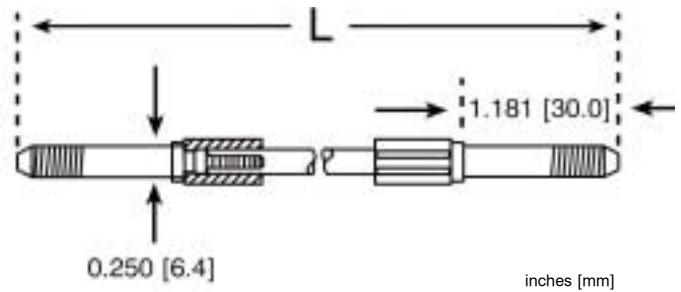
STANDARD LENGTHS

Lengths shown for each tube configuration are standard.
Other non-standard lengths are available up to 300 ft (90 m).

DH200 “MEDIUM PRESSURE” CONED AND THREADED TIP



DH500 “HIGH PRESSURE” CONED AND THREADED TIP



DH200 FLEX TUBES

LENGTH [IN.]	MODEL NO
8	F1515-8
12	F1515-12
24	F1515-24
36	F1515-36
48	F1515-48
60	F1515-60
72	F1515-72
96	F1515-96

DH500 FLEX TUBES

LENGTH [IN.]	MODEL NO
8	F5050-8
12	F5050-12
24	F5050-24
36	F5050-36
48	F5050-48
60	F5050-60
72	F5050-72
96	F5050-96

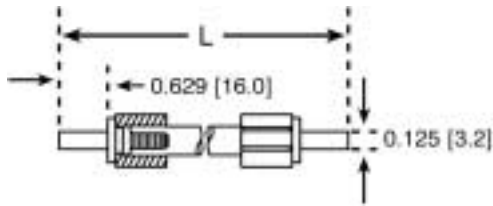
DH200 PARTS & ADAPTORS

PART NO	DESCRIPTION
101200	Collar
100272	Gland
100299	F x 1/8" NPTF
100301	F x 1/8" NPTM
100297	F x 1/4" NPTF
100287	F x 1/4" NPTM
400566	F x AN4F
100134	F x AN4M

DH500 PARTS

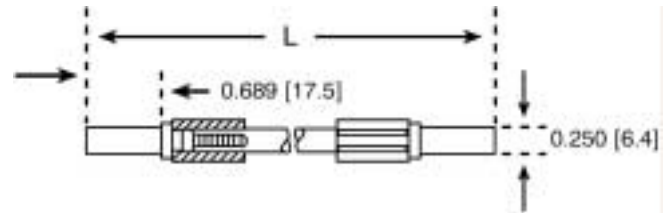
PART NO	DESCRIPTION
101201	Collar
100271	Gland

1/8 IN. PLAIN ADAPTOR TIP



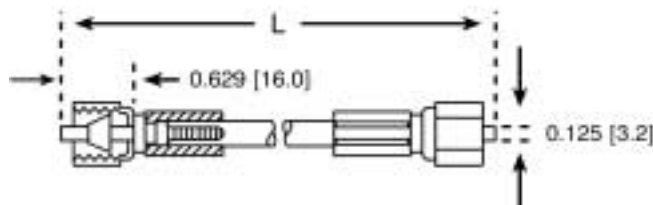
LENGTH [IN.]	MODEL NO
8	F1818-8
12	F1818-12
24	F1818-24
36	F1818-36
48	F1818-48
60	F1818-60
72	F1818-72
96	F1818-96

1/4 IN. PLAIN ADAPTOR TIP



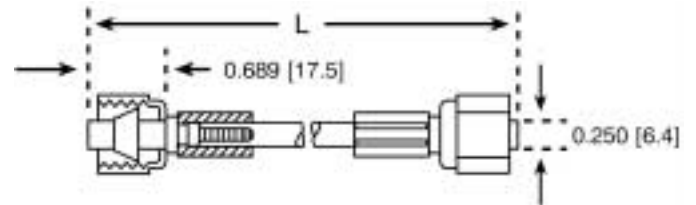
LENGTH [IN.]	MODEL NO
8	F1414-8
12	F1414-12
24	F1414-24
36	F1414-36
48	F1414-48
60	F1414-60
72	F1414-72
96	F1414-96

1/8 IN. PLAIN ADAPTOR TIP WITH NUTS & FERRULES INSTALLED*



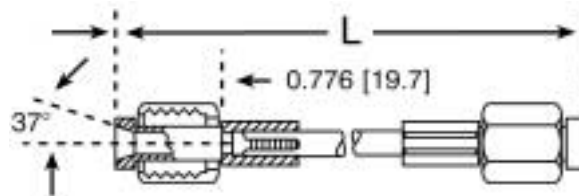
LENGTH [IN.]	MODEL NO
8	F1818NF-8
12	F1818NF-12
24	F1818NF-24
36	F1818NF-36
48	F1818NF-48
60	F1818NF-60
72	F1818NF-72
96	F1818NF-96

1/4 IN. PLAIN ADAPTOR TIP WITH NUTS & FERRULES INSTALLED*



LENGTH [IN.]	MODEL NO
8	F1414NF-8
12	F1414NF-12
24	F1414NF-24
36	F1414NF-36
48	F1414NF-48
60	F1414NF-60
72	F1414NF-72
96	F1414NF-96

AN4 TYPE FLARE TIP



LENGTH [IN.]	MODEL NO
8	F3737-8
12	F3737-12
24	F3737-24
36	F3737-36
48	F3737-48
60	F3737-60
72	F3737-72
96	F3737-96

inches [mm]

* Standard nuts and ferrules are Gyrolok®.
Other brands available at slightly higher prices.

COMPATIBILITY CHART

	20 °F	60 °F		20 °F	60 °F		20 °F	60 °F		20 °F	60 °F
Acetate Solvents	+	+	Carbon Disulfide	0	-	Heptane	+	+	Potassium Cyanide	+	+
Acetic Acid 10%	+	0	Carbon Monoxide	+	+	Hexane	+	+	Potassium Hydroxide	+	+
Acetone	+	+	Carbon Tetrachloride	+	+	Hydrofluoric Acid	-	-	Potassium Sulfate	+	+
Acetylene	+	+	Chlorine Gas	-	-	Hydrogen	+	+	Propane	+	+
Aluminum	+	+	Chloroacetone	+	0	Hydrogen Peroxide	+	+	Seawater	+	+
Aluminum Chloride	+	+	Chlorobenzene	0	-	Hydrogen Sulfide	+	0	Soda Lye 40%	+	+
Aluminum Fluoride 20%	0	0	Chloroform	0	-	Iron Salt Solvents	+	+	Sodium Bicarbonate 10%	+	+
Aluminum Sulfate	+	+	Chlorosulfuric Acid	-	-	Lactic Acid 10%	+	0	Sodium Bisulfate	+	+
Ammonia, Conc.	+	-	Chloracetic Acid	0	-	Linseed Oil	+	+	Sodium Carbonate	+	+
Ammonium Chloride	+	+	Chromic Acid	-	-	Liquid Gas	+	+	Sodium Chloride	+	+
Ammonium Hydroxide	+	+	Copper Chloride	+	+	Lubricating Oils	+	+	Sodium Cyanide	+	+
Ammonium Nitrate	+	+	Copper Sulfate	+	+	Magnesium Chloride	+	+	Sodium Hydroxide 20%	+	+
Ammonium Phosphate	+	+	Crude Oil	+	+	Magnesium Hydroxide	+	+	Sodium Hypochlorite 5%	+	+
Ammonium Sulfate	+	+	Dibutyl Phthalate	+	+	Magnesium Sulfate	+	+	Sodium Nitrate	+	+
Amyl Acetate	+	+	Diesel Oil, Light	+	+	Mercury	+	+	Sodium Perborate	+	0
Amyl Alcohol	+	+	Essential Oils	+	+	Mercury Chloride	+	+	Sodium Silicate	+	+
Aniline Dyes	+	+	Ether	0	-	Methyl Alcohol	+	+	Sodium Sulfate	+	+
Barium Chloride	+	+	Ethyl Alcohol	+	+	Methyl Chloride	0	-	Sodium Sulfide	+	+
Barium Hydroxide	+	+	Ethyl Acetate	+	+	Methyl Ethyl Ketone	+	+	Sodium Thiosulfate	+	+
Barium Sulfide	+	+	Ethyl Chloride	+	+	Methyl Isopropyl Ketone	+	+	Sole	+	+
Benzene	+	0	Ethylene Glycol	+	+	Mineral Oil	+	+	Sulfur	+	+
Borax	+	+	Ferric Chloride 10%	+	+	Naphtha	+	+	Sulfur Chloride	-	-
Boric Acid	+	+	Ferric Sulfate	+	+	Natural Gas	+	+	Sulfur Dioxide	+	+
Brake Fluid	+	+	Fluorosilicic Acid	-	-	Nickel Chloride	+	+	Sulfur Trioxide	-	-
Bromine	-	-	Formaldehyde	+	0	Nickel Sulfate	+	+	Sulfuric Acid 10%	0	-
Butane	+	+	Formic Acid 10%	+	0	Nitric Acid	-	-	Thiophene	+	0
Butanone	+	+	Fuel Oil	+	+	Nitrobenzene	0	0	Tin Chloride	+	+
Butyl Acetate	+	+	Gas Oil	+	+	Oleic Acid	+	0	Toluene	+	0
Butyl Alcohol	+	+	Gasoline	+	+	Oxalic Acid, Dilute	+	0	Trichlorethylene	0	0
Calcium Bisulfite	+	+	Glucose	+	+	Oxygen	+	+	Varnishes	+	+
Calcium Chloride 10%	+	+	Glycerin, Glycerol	+	+	Perchloroethylene	+	+	Water	+	+
Calcium Hydroxide	+	+	Glycol	+	+	Petrol (Kerosene)	+	+	Xylene	+	0
Calcium Hypochlorite 50%	0	-	Glysantine	+	+	Phenol	-	-	Zinc Chloride	+	+
Carbon Dioxide	+	+	Grease	+	+	Potassium Chloride	+	+	Zinc Sulfate	+	+

NON FLAMMABLE HYDRAULIC FLUIDS

	20 °F	60 °F		20 °F	60 °F		20 °F	60 °F		20 °F	60 °F
Houghten Safe 360	+	+	Bergbau Safe 1120	+	+	Pydraul 30E	+	+	Pydraul 312C	+	+
Houghten Safe 440	+	+	Bergbau Safe 1125	+	+	Pydraul 50E	+	+	Pydraul 540C	+	+
Houghten Safe 620	+	+	HSD 16-Bayer Elaol-VL	+	+	Pydraul 65E	+	+	Skydrol 500	+	+
Bergbau Safe 620 B/36	+	+	HSD 25-BP-Olex SFD 0204	+	+	Pydraul 90E	+	+	Skydrol 700	+	+
Bergbau Safe 1010	+	+	Pydraul 10E	+	+	Pydraul 115E	+	+			
			Pydraul 29E LT	+	+	Pydraul 230C	+	+			

Due to a policy of continuous improvement, all specifications, descriptions and features are subject to change without notice.

DH400, DH200 & DH500 are trademarks of **DH Instruments, Inc.**

Gyrolok is a trademark of Parker Hannifin Corporation.

LEGEND

+ = Resistant 0 = Relatively Resistant
- = Non-Resistant @ = Not Yet Tested

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and Flow™**

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