

**EAT-N Synflex®**

**Hose and Crimpable Fittings with JIC Connection**

- Hose fittings are specific to the hose brand
- 4:1 safety factor
- Temp. range: -40° to 212°F

Lightweight and easy-to-route hose is made of nylon tube with polyurethane cover and braided synthetic fiber reinforcement. Fittings are steel.

Hose I.D.	Hose Outside Dia.	Hose Length	Max. Working Pressure @ 70°F	Bend Radius	Mfr. Model	Item No.
Hydraulic Hose						
1/4 in	1/2 in	50 ft	3,000 psi	1 1/4 in	3TR7-04-50	61KJ54
3/8 in	3/4 in	50 ft	3,000 psi	1 1/2 in	3TR7-05-50	61KJ55
1/2 in	5/8 in	50 ft	3,000 psi	2 in	3TR7-06-50	61KJ56
3/4 in	1 1/8 in	50 ft	3,000 psi	2 3/4 in	3TR7-08-50	61KJ57

For Hose Dash Size	Fitting Size	Fitting Movement	Thread Size	Mfr. Model	Item No.
<b>Female x Female, JIC x Crimp</b>					
-4	1/16 in x 1/4 in	Swivel	7/16"-20	4TA4FJ4	61KJ58
-4	1/8 in x 1/4 in	Swivel	1/2"-20	4TA5FJ4	61KJ59
-4	3/16 in x 1/4 in	Swivel	9/16"-18	4TA6FJ4	61KJ60
-5	1/2 in x 3/8 in	Swivel	1/2"-20	4TA5FJ5	61KJ61
-5	3/8 in x 3/8 in	Swivel	9/16"-18	4TA6FJ5	61KJ62
-6	3/8 in x 3/8 in	Swivel	9/16"-18	4TA6FJ6	61KJ63
-8	3/4 in x 1/2 in	Swivel	3/4"-16	4TA8FJ8	61KJ64

For Hose Dash Size	Fitting Size	Fitting Movement	Thread Size	Mfr. Model	Item No.
<b>Female x Female, ORS x Crimp</b>					
-4	3/16 in x 1/4 in	Swivel	9/16"-18	4TA4FR4	61KJ65
-5	1/16 in x 3/8 in	Swivel	1 1/16"-16	4TA6FR5	61KJ66
-6	1/16 in x 3/8 in	Swivel	1 1/16"-16	4TA6FR6	61KJ67
-8	1 3/16 in x 1/2 in	Swivel	1 3/16"-16	4TA8FR8	61KJ68

For Hose Dash Size	Fitting Size	Fitting Movement	Thread Size	Mfr. Model	Item No.
<b>Male x Female, NPTF x Crimp</b>					
-4	1/4 in x 1/4 in	Rigid	1/4"-18	4TA4MP4	61KJ69
-5	1/4 in x 3/8 in	Rigid	1/4"-18	4TA4MP5	61KJ70
-6	1/4 in x 3/8 in	Rigid	1/4"-18	4TA4MP6	61KJ71
-6	3/8 in x 3/8 in	Rigid	3/8"-18	4TA6MP6	61KJ72
-8	1/2 in x 1/2 in	Rigid	1/2"-14	4TA8MP8	61KJ73

**EAT-N | Aeroquip®**  
**Hydraulic Crimping Machines**

These lightweight, portable crimping devices are also compatible with MatchMate and Synflex hose and fittings (see above ads).

Note: Machine 54ZY27 requires 10,000 psi pumps, available on page 2348.

Note: For Collet and additional Die Kits, see Grainger.com



10C379

Hose Crimping Size	Hydraulic Hose Type	Max. Operating Pressure	Voltage	Pump Type	Crimping Force	Mfr. Model	Item No.
<b>Bench Mount</b>							
1 1/4 in	1 1/4 in	1 to 2 Wire, 4 Spiral	115V	22,000 psi	Electric Pump	10 ton	FT1380-115-8
1 1/4 in	1 1/4 in	1 to 2 Wire, 4 Spiral	—	10,000 psi	External (No Pump Included)	10 ton	ET1187-001
1 1/4 in	1 1/4 in	1 to 2 Wire, 4 Spiral	—	10,000 psi	External (No Pump Included)	35.3 ton	ET1000-001
<b>Floor</b>							
2 in	2 in	1 to 2 Wire, 4 and 6 Spiral	115V	10,000 psi	Electric Pump	10 ton	FT1390-115-12
<b>Hose Crimping Capacity</b>							
Max.	Min.	Hydraulic Hose Type	Connector Color Code	Compatible Mfr. Model No.	Includes		Item No.
1 1/4 in	1/4 in	1 Wire, 2 Wire	Black, Blue, Orange, Red, Yellow	ET1000	(3) Spacer Rings, (8) Split Dies, Adapter Ring, Pusher		54ZY34
1 1/4 in	1/4 in	1 Wire, 2 Wire	Gold	ET1187, FT1380	(9) Crimper Dies		54ZY33
1 1/4 in	1/4 in	1 Wire, 2 Wire	Gold	ET1187, FT1380	(7) Crimper Dies		54ZY29

**MatchMate 4-Wire Hose and Crimpable Fittings**

**EAT-N | Aeroquip**

- Hose fittings are specific to the hose brand
- 4:1 safety factor
- Synthetic rubber hose with 4-wire spiral reinforcement
- Temp. range: -40° to 250°F

For hydraulic system service with petroleum and water-based fluids and general industrial use.

Hose Inside Dia. (in.)	Hose Outside Dia. (in.)	Hose Length (ft.)	Operating Pressure (psi)	Min. Bend Radius (in.)	Mfr. Model	Item No.
<b>Bulk Hose</b>						
1/2	.92	50	6000	3.5	GH493-8	10C232
3/4	1.2	50	5500	4	GH493-12	10C233
1	1.48	50	5100	6	GH493-16	10C234
1 1/4	1.83	50	4500	8.25	GH493-20	10C235

Hydraulic Hose I.D.	Hydraulic Fitting Thread Size	L (in.)	Mfr. Model	Item No.
<b>Female JIC</b>				
1/2 in	3/4"-16	2.63	4SA8FJ8	471Z43
1/2 in	3/4"-16	3.30	4SA8FJA8	471Z55
1/2 in	3/4"-16	2.87	4SA8FJB8	471Z61
3/4 in	1 1/16"-12	3.23	4SA12FJ12	471Z49
3/4 in	1 1/16"-12	4.42	4SA12FJA12	471Z58
3/4 in	1 1/16"-12	3.99	4SA12FJB12	471Z65
1 in	1 5/16"-12	3.51	4SA16FJ16	471Z51
1 in	1 5/16"-12	5.07	4SA16FJA16	471Z59
1 in	1 5/16"-12	4.45	4SA16FJB16	471Z66

Hydraulic Hose I.D.	Hydraulic Fitting Thread Size	L (in.)	Mfr. Model	Item No.
<b>Female JIC Swivel</b>				
1 1/4 in	1 5/8"-12	4	4SA20FJ20	46AC95
1 1/4 in	1 5/8"-12	3.20	4SA20FJA20	46AC96
1 1/4 in	1 5/8"-12	5.20	4SA20FJB20	46AC97

Hydraulic Hose I.D.	Hydraulic Fitting Thread Size	L (in.)	Mfr. Model	Item No.
<b>Male NPTF</b>				
1/2 in	1/2"-14	2.75	4SA8MP8	471Z33
3/4 in	3/4"-14	3.38	4SA12MP12	471Z36
1 in	1"-11-1/2	3.70	4SA16MP16	471Z39
1 1/4 in	1 1/4"-11-1/2	4.71	4SA20MP20	471Z40

Hydraulic Hose I.D.	Hydraulic Fitting Thread Size	L (in.)	Mfr. Model	Item No.
<b>Male Universal</b>				
1/2 in	0.511"-27	2.87	4S8FLB8	471Z93
1/2 in	—	3.13	4S8FLA8	471Z83
3/4 in	0.511"-27	4.27	4S12FLB12	471Z97
3/4 in	—	3.57	4S12FL12	471Z75
1 in	—	4.96	4S16FLB16	471Z98
1 in	—	3.67	4S16FL16	471Z78
1 in	—	5.16	4S16FLA16	471Z88
1 1/2 in	—	8.44	4S24FLA24	471Z91