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## Thermoplastik- & Fluorpolymerprodukte

Spiralluftschläuche mit Armaturen

Fast-Stor<sup>®</sup> / NoMar<sup>™</sup> Fast-Stor<sup>®</sup> / Ultra-Lite Superbraid

*Katalog CAT 4660/USA 01/12(2)*



# KATALOG

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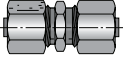




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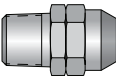
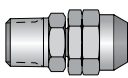
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# Air Hose

Every hydraulic, pneumatic and lubrication system requires some form of tube line fabrication and fitting installation for completion. Proper fabrication and installation are essential for the overall efficiency, leak free performance, and general appearance of any system.

Start by planning ahead. After sizing the tube lines and selecting the appropriate style of fitting, consider the following in the design of your system:

- Accessibility of joints
- Proper routing of lines
- Adequate tube line supports
- Available fabricating tools

## Routing of Lines

Routing of lines is probably the most difficult, yet most significant, of these system design considerations. Proper routing involves getting a connecting line from one point to another through the most logical path.

Always try to leave fitting joints as accessible as possible. Hard to reach joints are hard to assemble and tighten properly. Inaccessible joints are also more difficult and time consuming to service.

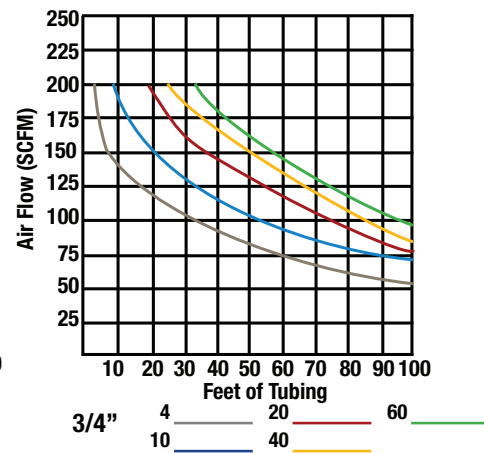
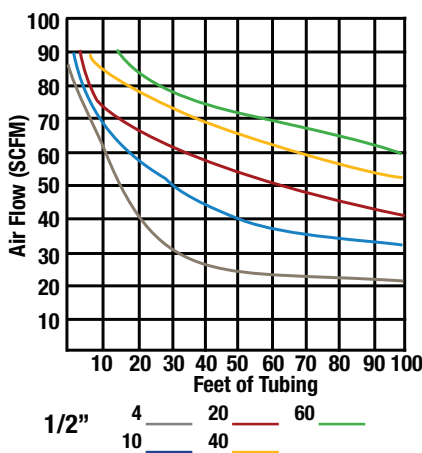
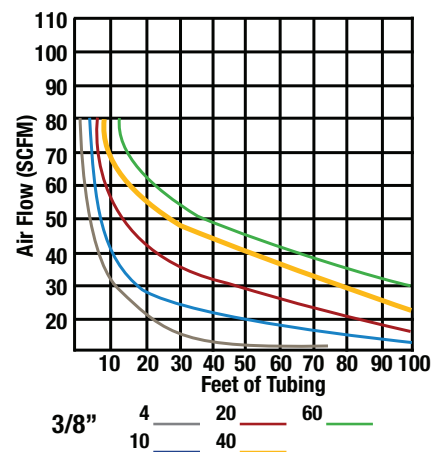
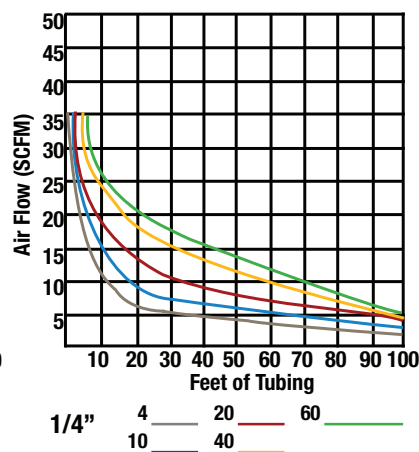
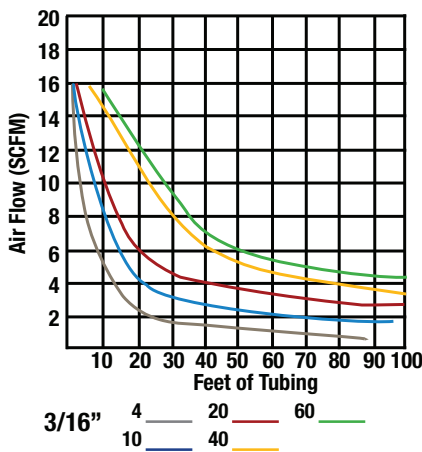


# Size Selection Procedure

Proper size selection is extremely important in choosing any air hose in order to prevent “starvation” of the air tool and to ensure maximum torque and tool speed. Starved tools don’t produce!

Steps in size selection:

1. Determine air flow rate and pressure required by following air-tool manufacturers recommendations.
2. Refer to “Air Flow Characteristics” graphs, shown below. Find air flow requirement in standard cubic feet per minute (SCFM) on vertical line to left of graph. Now follow horizontal line on same graph to determine total extended length of hose required. Follow vertical line above hose length to intersection with the horizontal air flow SCFM line.
3. Note pressure drop above curve nearest to intersection of SCFM and hose length lines. Pressure drop, subtracted from line pressure, equals “available pressure” at the selected SCFM flow rate and hose length.
4. If “available pressure” is below the tool manufacturers’ recommendations, refer to chart for successively larger hose sizes until an acceptable “available pressure” is found. Choose this size Fast-Stor® Air Hose for your application.
5. Refer to “working pressure vs. temperature” chart (pg. B-7) to be sure your application falls within the working range of Fast-Stor® Air Hose.



Actual working pressure charts are located in the tubing section on the specific product page.

For detailed ordering information, please consult price list or contact Parflex® Division.

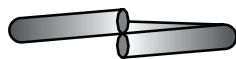


# Measuring Fast-Stor® Bulk Hose

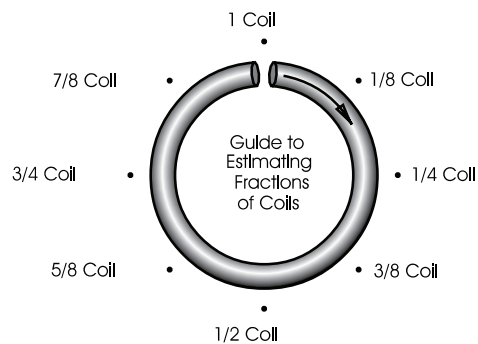
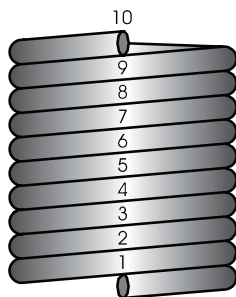
Measuring Fast-Stor® hose is quick and easy and may be accomplished by either of two accurate methods:

## 1. Counting

Total Length of Hose			Number of Coils Needed to Obtain Required Net Extended Length +3%				
			3/16 I.D. Fast-Stor®	1/4 I.D. Fast-Stor®	3/8 I.D. Fast-Stor®	1/2 I.D. Fast-Stor®	3/4 I.D. Fast-Stor®
ft.	inch	mtr.	coils	coils	coils	coils	coils
3	36	.91	5-1/8	3-1/2	2-1/4	1-5/8	7/8
3	36	.91	5-1/8	3-1/2	2-1/4	1-5/8	7/8
5	60	1.52	8-1/2	5-3/4	3-7/8	2-5/8	1-1/2
7	84	2.13	12	8-1/8	5-3/4	3-3/4	1-1/8
10	120	3.05	17-1/8	11-1/2	7-3/4	5-3/8	3
12	144	3.66	20-1/2	13-7/8	9-1/4	6-1/2	3-1/2
15	180	4.57	25-3/4	17-3/8	11-1/2	8	4-1/2
16	192	4.88	27-3/8	18-1/2	12-3/8	8-5/8	4-3/4
17	204	5.18	29-1/8	19-5/8	13-1/8	9-1/8	5
19	216	5.79	30-7/8	20-3/4	13-7/8	9-5/8	5-3/8
20	240	6.10	34-1/4	23-1/8	15-3/8	10-3/4	6
25	300	7.62	42-7/8	28-7/8	19-1/4	13-3/8	7-1/2
30	360	9.14	51-3/8	34-5/8	23-1/8	16-1/8	8-7/8
33	396	10.06	56-1/2	38-1/8	25-3/8	17-3/4	9-3/4
50	600	15.24	85-5/8	57-3/4	38-1/2	26-7/8	14-7/8



1 Full 360° Coil



For detailed ordering information, please consult price list or contact Parflex® Division.

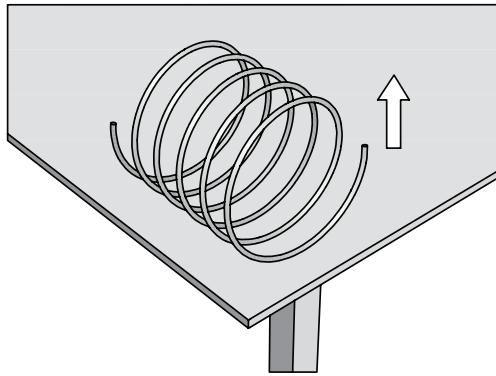
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## 2. Division into Even Numbers of Lengths

Bulk retracted lengths of Fast-Stor® hose are always exactly 100 feet long when shipped from the factory. Some diameter expansion of the coils may occur in shipment due to temperature and storage conditions. This may appear to have shortened a given 100 foot retracted length slightly in relation to other 100 foot retracted lengths in the same master carton. The shorter appearance should not be mistaken for any actual shortage in extended length. A bulk retracted length may be easily divided into smaller lengths by first measuring the tightly retracted length in inches, and dividing by 4 to determine the cut-off length for 25 feet, by 3 for 33 feet, by 8 for 12-1/2 feet, etc. Pieces should be tagged with their proper length before returning to storage.

### Cutting Bulk Length Coils

To cut bulk length coils, position coils on work table extending away from you, cut end-up in 12 o'clock position.



*For detailed ordering information, please consult price list or contact Parflex® Division.*

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Hose  
A

Tubing  
B

Coiled Air Hose  
& Fittings  
C

Transportation  
D

Fittings  
E

Tooling, Equipment  
& Accessories  
F

General Technical  
G

# Fast-Stor® Air Hose



## Features

- Manufactured from tough, abrasion-resistant nylon
- Excellent memory characteristics over a wide temperature range
- Long service life in rugged applications
- Desirable Safety Yellow color per U.S. Government OSHA directives
- Optimal retail packaging available\*

## Applications/Markets



- Blow Guns
- Construction
- Mfg. Air Drops
- Machine Tool Lubrication
- Water Hose

## Fast-Stor® Assemblies

### Popular Stock Assemblies

Assembly Part Number	Hose I.D.		Total Length		Working Length		Nominal Compact Length		Coil I.D.		Maximum Working Pressure 73°F/23°C		Minimum Burst at 73°F/23°C		End Fittings
	inch	mm	ft.	mtr.	ft.	mtr.	ft.	mtr.	inch	mm	psi	MPa	psi	MPa	
#	○								○		⌚				
A0312-MC4-ML4	3/16	5	12	3.7	9	2.7	4.8	1.5	2	51	225	1.55	680	4.69	1/4" NPT
A0325-MC4-ML4	3/16	5	25	7.6	18	5.5	9.6	2.9	2	51	225	1.55	680	4.69	1/4" NPT
A0350-MC4-ML4	3/16	5	50	15.2	38	11.6	20.2	6.2	2	51	225	1.55	680	4.69	1/4" NPT
A0412-MC4-ML4*	1/4	6	12	3.7	9	2.7	4.3	1.3	3	76	225	1.55	680	4.69	1/4" NPT
A0425-MC4-ML4*	1/4	6	25	7.6	18	5.5	8.6	2.6	3	76	225	1.55	680	4.69	1/4" NPT
A0450-MC4-ML4	1/4	6	50	15.2	38	11.6	18.1	5.5	3	76	225	1.55	680	4.69	1/4" NPT
A0612-MC6-ML6*	3/8	10	12	3.7	9	2.7	4.3	1.3	4.5	114	225	1.55	680	4.69	3/8" NPT
A0625-MC6-ML6	3/8	10	25	7.6	18	5.5	8.5	2.6	4.5	114	225	1.55	680	4.69	3/8" NPT
A0650-MC6-ML6	3/8	10	50	15.2	38	11.6	17.9	5.5	4.5	114	225	1.55	680	4.69	3/8" NPT
A0812-MC8-ML8	1/2	13	12	3.7	9	2.7	4.3	1.3	6.5	165	225	1.55	680	4.69	1/2" NPT
A0825-MC8-ML8	1/2	13	25	7.6	18	5.5	8.5	2.6	6.5	165	225	1.55	680	4.69	1/2" NPT
A0850-MC8-ML8	1/2	13	50	15.2	38	11.6	16.8	5.1	6.5	165	225	1.55	680	4.69	1/2" NPT

## Construction

Tube: Yellow PFX Nylon  
Spring Guard: Steel  
Fittings: Brass

## Notes

\*Retail packaging available - Add "R" suffix when ordering

## Operating Parameters

Service temperature range: -40°F to +200°F  
(-40°C to +93°C)

Maximum working pressure based on safety factor of 3:1 over burst



# Fast-Stor® Bulk Air Hose



Assembly Part Number	Hose I.D.		Average Wall Thickness		Coil I.D.		Coil O.D.		Total Length		Working Length		Master Carton Quantity		Maximum Working Pressure 73°F/23°C		Minimum Burst at 73°F/23°C	
	#																	
Black	inch	mm	inch	mm	inch	mm	inch	mm	ft.	mtr.	ft.	mtr.	ft.	mtr.	psi	MPa	psi	MPa
FS-03-100	3/16	5	.023	.58	2	51	2.5	64	100	30.5	75	22.9	600	183	225	160	680	469
FS-04-100	1/4	6	.030	.76	3	76	3.7	94	100	30.5	75	22.9	600	183	225	160	680	469
FS-06-100	3/8	10	.045	1.1	4.5	114	5.5	140	100	30.5	75	22.9	400	122	225	160	680	469
FS-08-100	1/2	13	.062	1.6	6.5	165	7.8	198	100	30.5	75	22.9	400	122	225	160	680	469
FS-12-100	3/4	19	.075	1.9	11	305	13.0	330	100	30.5	75	22.9	100	30	200	140	600	414

## Construction

Tube: Yellow PFX Nylon

## Operating Parameters

Service temperature range: -40°F to +200°F (-40°C to +93°C)

Maximum working pressure based on safety factor of 3:1 over burst

## Order Information

**Example: A0412-MC4-ML4**

A0412-MC4-ML4 – **Assembly**

A0412-MC4-ML4 – **Tube ID (1/4")**

A0412-MC4-ML4 – **Total Length (12')**

A0412-MC4-ML4 – **End 1 Fitting Size & Type (1/4" Male NPT)**

A0412-MC4-ML4 – **End 2 Fitting Size & Type (1/4" Male NPT, Swivel)**



For detailed ordering information, please consult price list or contact Parflex® Division.

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C-9

A Hose

B Tubing

C Coiled Air Hose & Fittings

D Transportation

F Fittings

F Tooling, Equipment & Accessories

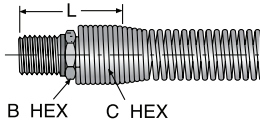
G General Technical

# Fast-Stor® Fittings

Fittings for Fast-Stor® hose are constructed from heavy duty brass with built in insert-supports. Fitting bodies are SAE Standard sizes. Hose entry length into the fittings is the longest in the industry due to Parflex's SAE body design and size standardization, assuring a strong grip on the hose.

All fitting part numbers include body, nut, ferrule and spring guard. For body only, use Prefix B.

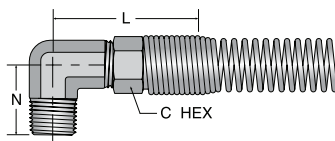
## MC – Male Connector



Part Number	Thread Size	Hose I.D.		L		B Hex		C Hex	
		inch	mm	inch	mm	inch	mm	inch	mm
#									
MC-03-2	1/8	3/16	5	1-3/8	35	9/16	14	1/2	13
MC-03-4	1/4	3/16	5	1-9/16	40	9/16	14	1/2	13
MC-04-2	1/8	1/4	6	1-3/8	35	9/16	14	9/16	14
MC-04-4	1/4	1/4	6	1-9/16	40	9/16	14	9/16	14
MC-06-6	3/8	3/8	10	1-13/16	46	11/16	17	13/16	21
MC-08-6	3/8	1/2	13	2-1/8	54	7/8	22	15/16	24
MC-08-8	1/2	1/2	13	2-1/8	54	7/8	22	15/16	24
*MC-12-12	3/4	3/4	19	2-1/4	57	1-1/4	32	1-3/8	35

\*No spring guard required.

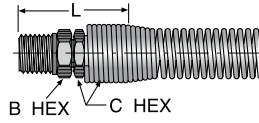
## ME – Male 90° Elbow



Part Number	Thread Size	Hose I.D.		L		N		C Hex	
		inch	mm	inch	mm	inch	mm	inch	mm
#									
ME-03-4	1/4	3/16	5	1-1/4	32	15/16	24	9/16	14
ME-04-4	1/4	1/4	6	1-13/16	46	15/16	24	9/16	14
ME-06-6	3/8	3/8	10	1-9/16	40	1-1/8	29	13/16	21
ME-08-8	1/2	1/2	13	1-3/4	44	1-3/8	35	15/16	24

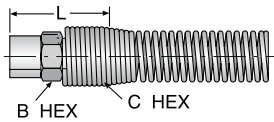


## ML – Live Male Pipe Swivel



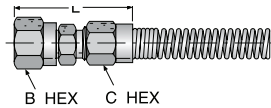
Part Number	Thread Size	Hose I.D.		L		B Hex		C Hex	
		inch	mm	inch	mm	inch	mm	inch	mm
#									
ML-03-4	1/4	3/16	5	1-1/16	27	9/16	14	1/2	13
ML-04-4	1/4	1/4	6	1-9/16	40	9/16	14	9/16	14
ML-06-6	3/8	3/8	10	1-7/8	47	3/4	19	13/16	21
ML-08-8	1/2	1/2	13	2-3/8	60	7/8	22	15/16	24

## FC – Female Connector FPT



Part Number	Thread Size	Hose I.D.		L		B Hex		C Hex	
		inch	mm	inch	mm	inch	mm	inch	mm
#									
FC-04-4	1/4	1/4	6	1-9/16	40	11/16	17	9/16	14
FC-06-6	3/8	3/8	10	1-3/4	44	13/16	21	13/16	21

## FL – Female Pipe Swivel\*

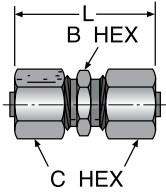


Part Number	Thread Size	Hose I.D.		L		B Hex		C Hex		Box Quantity
		inch	mm	inch	mm	inch	mm	inch	mm	
#										
FL-04-4	1/4	1/4	6	1-3/4	44	5/8	16	9/16	14	20
FL-06-6	3/8	3/8	10	2-1/8	54	3/4	19	9/16	14	10

For detailed ordering information, please consult price list or contact Parflex® Division.

# Fast-Stor® Union Connector

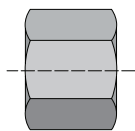
## UC – Union Connector



Part Number	Thread Size	Hose I.D.		L		B Hex		C Hex	
		inch	mm	inch	mm	inch	mm	inch	mm
#									
UC-04-4	1/4 x 1/4 I.D.	1/4	6	1-7/8	48	1/2	13	9/16	14
UC-06-6	3/8 x 3/8 I.D.	3/8	10	2-5/8	67	11/16	17	13/16	21

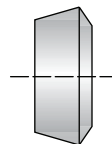
# Fast-Stor® Replacement Parts

## FN – Brass Nut



Part Number	Hose I.D.	
	inch	mm
#		
FN-03	3/16	5
FN-04	1/4	6
FN-06	3/8	10
FN-08	1/2	13
FN-12	3/4	19

## FR – Plastic Ferrule



Part Number	Hose I.D.	
	inch	mm
#		
FR-03	3/16	5
FR-04	1/4	6
FR-06	3/8	10
FR-08	1/2	13
FR-12*	3/4	19

\* Brass.



## SG – Steel Spring Guard



Part Number	Hose I.D.	
	inch	mm
#		
SG-03	3/16	5
SG-04	1/4	6
SG-06	3/8	10
SG-08	1/2	13

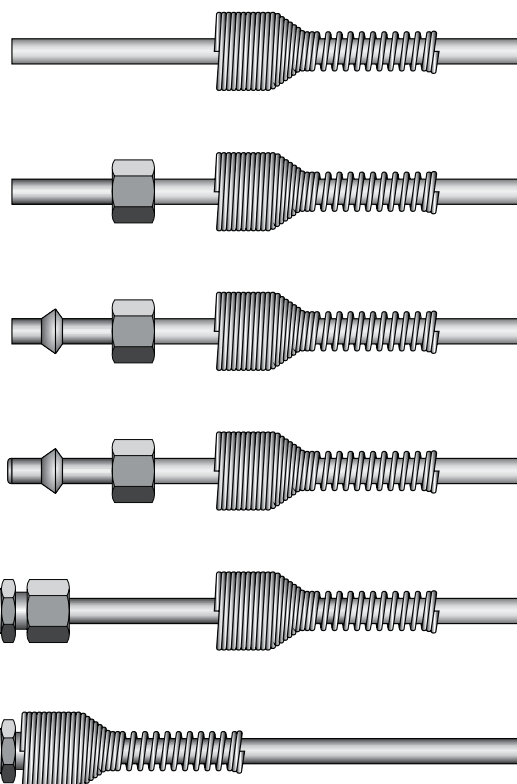
## TS – Tube Support



Part Number	Hose I.D.	
	inch	mm
#		
TS-03	3/16	5
TS-04	1/4	6
TS-06	3/8	10
TS-08	1/2	13
TS-12	3/4	19

## How to Assemble Fast-Stor® Hose

- Using a Parker Model 316 cutoff tool, Parflex PHC hand cutter or other sharp cutter, cut hose squarely to correct length.
- Install SG spring guard on hose as shown. A guard is not required on size -12 hose.
- Slide FN nut on hose and insert TS tube support.
- Slide FR plastic ferrule over hose with taper side toward cut end of hose. Size -12 hose uses a brass ferrule and requires the hose end to be dipped in clean water for lubrication.
- Push hose into fitting body until bottomed. Slide nut and ferrule up to fitting body and tighten nut by hand. With a wrench, tighten the nut additional 2 to 2-1/2 turns.
- Slide spring guard over nut until the lead coil snaps between the nut and fitting body hex.



For detailed ordering information, please consult price list or contact Parflex® Division.



# Parflex NoMar™ Fast-Stor® Assemblies AUFS



## Features

- Manufactured from durable, abrasion-resistant Polyurethane
- Excellent memory characteristics over a wide temperature range
- Field-attachable fittings
- Available in bulk or factory-made assemblies

## Applications/Markets



- Auto Repair
- Blow Guns
- Construction
- Carpentry
- Furniture Manufacturing
- Mfg. Air Drops
- Marine
- Water Hose

## Urethane Fast-Stor® Assemblies

Includes live male end and rigid male end

Assembly Part Number	Hose O.D.		Hose I.D.		Total Length		Nominal Compact Length		Nominal Coil I.D.		Maximum Working Pressure 73°F/23°C		Minimum Burst at 73°F/23°C		End Fittings
	#														
	inch	mm	inch	mm	ft.	mtr.	inch	mm	inch	mm	psi	MPa	psi	MPa	
AUFS-32-TBLU-010**	3/16	5	1/8	3	10	3.0	6.6	167	3/4	19	135	.93	405	2.79	1/8" NPT
AUFS-32-TBLU-025**	3/16	5	1/8	3	25	7.6	19	482	3/4	19	135	.93	405	2.79	1/8" NPT
AUFS-42-TBLU-010	1/4	6	1/8	3	10	3.0	8.3	210	3/4	19	175	1.21	525	3.62	1/4" NPT
AUFS-42-TBLU-025	1/4	6	1/8	3	25	7.6	23.9	607	3/4	19	175	1.21	525	3.62	1/4" NPT
AUFS-64-TBLU-010*	3/8	10	1/4	6	10	3.0	5.6	142	1-3/4	44	180	1.24	540	3.72	1/4" NPT
AUFS-64-TBLU-015*	3/8	10	1/4	6	15	4.6	9.3	236	1-3/4	44	180	1.24	540	3.72	1/4" NPT
AUFS-64-TBLU-020	3/8	10	1/4	6	20	6.1	13	330	1-3/4	44	180	1.24	540	3.72	1/4" NPT
AUFS-64-TBLU-025*	3/8	10	1/4	6	25	7.6	16	406	1-3/4	44	180	1.24	540	3.72	1/4" NPT
AUFS-85-TBLU-010	1/2	13	21/64	8	10	3.0	5.5	140	2-1/2	64	150	1.03	450	3.10	3/8" NPT
AUFS-85-TBLU-015	1/2	13	21/64	8	15	4.6	9	229	2-1/2	64	150	1.03	450	3.10	3/8" NPT
AUFS-85-TBLU-020	1/2	13	21/64	8	20	6.1	12.5	317	2-1/2	64	150	1.03	450	3.10	3/8" NPT
AUFS-85-TBLU-025	1/2	13	21/64	8	25	7.6	16	406	2-1/2	64	150	1.03	450	3.10	3/8" NPT
AUFS-86-TBLU-010	1/2	13	3/8	10	10	3.0	5.5	140	2-1/2	64	110	.76	330	2.28	3/8" NPT
AUFS-86-TBLU-020	1/2	13	3/8	10	20	6.1	12.5	317	2-1/2	64	110	.76	330	2.28	3/8" NPT
AUFS-96-TBLU-010	9/16	14	3/8	10	10	3.0	6.1	155	2-1/2	64	140	.97	420	2.90	3/8" NPT
AUFS-96-TBLU-015	9/16	14	3/8	10	15	4.6	9.9	251	2-1/2	64	140	.97	420	2.90	3/8" NPT
AUFS-96-TBLU-020	9/16	14	3/8	10	20	6.1	13.7	348	2-1/2	64	140	.97	420	2.90	3/8" NPT
AUFS-96-TBLU-025	9/16	14	3/8	10	25	7.6	17.5	444	2-1/2	64	140	.97	420	2.90	3/8" NPT



Assembly Part Number	Hose O.D.		Hose I.D.		Total Length		Nominal Compact Length		Nominal Coil I.D.		Maximum Working Pressure 73°F/23°C		Minimum Burst at 73°F/23°C		End Fittings
	#														
	inch	mm	inch	mm	ft.	mtr.	inch	mm	inch	mm	psi	MPa	psi	MPa	
AUFS-128-TBLU-010	3/4	19	1/2	13	10	3.0	7.5	190	3	76	125	.86	375	2.59	1/2" NPT
AUFS-128-TBLU-015	3/4	19	1/2	13	15	4.6	11.2	284	3	76	125	.86	375	2.59	1/2" NPT
AUFS-128-TBLU-020	3/4	19	1/2	13	20	6.1	15	381	3	76	125	.86	375	2.59	1/2" NPT
AUFS-128-TBLU-025	3/4	19	1/2	13	25	7.6	19.5	495	3	76	125	.86	375	2.59	1/2" NPT

### Construction

Tube: Transparent Blue Polyurethane

Fittings: Brass

### Operating Parameters

Service temperature range: -40°F to +180°F (-40°C to +82°C)

### Notes

Pigtail Lengths - 16" swivel end, 8" rigid end

\*Retail packaging available - Add "R" suffix when ordering

\*\*Size -32 comes standard with two rigid ends

Other sizes available upon request

### Colors

Color Code		
	TBLU	Transparent Blue

Other colors available upon request - consult factory

## Order Information

### Example: AUFS-64-TBLU-025

**AUFS-64-TBLU-025** – Assembled Urethane Fast-Stor

AUFS-**64**-TBLU-025 – Tube OD (3/8")

AUFS-**64**-TBLU-025 – Tube ID (1/4")

AUFS-64-**TBLU**-025 – Color (Transparent Blue)

AUFS-64-TBLU-**025** – Total Length (25')

For detailed ordering information, please consult price list or contact Parflex® Division.



# Parflex NoMar™ Fast-Stor® Coiled Tubing UFS



## Features

- Manufactured from durable, abrasion-resistant Polyurethane
- Excellent memory characteristics over a wide temperature range
- Long service life in rugged applications

## Applications/Markets



- Auto Repair
- Blow Guns
- Construction
- Carpentry
- Furniture Manufacturing
- Mfg. Air Drops
- Marine
- Water Hose

Assembly Part Number	Hose O.D.		Hose I.D.		Working Length	Nominal Coil I.D.		Maximum Working Pressure 73°F/23°C		Minimum Burst at 73°F/23°C	
	inch	mm	inch	mm		inch	mm	psi	MPa	psi	MPa
#											
	inch	mm	inch	mm	feet	inch	mm	psi	MPa	psi	MPa
UFS-32-TBLU-xxx	3/16	5	1/8	3	010, 025	3/4	19	135	.93	405	2.79
UFS-42-TBLU-xxx	1/4	6	1/8	3	010, 025	3/4	19	175	1.21	525	3.62
UFS-64-TBLU-xxx	3/8	10	1/4	6	010, 015, 020, 025	1-3/4	44	180	1.24	540	3.72
UFS-85-TBLU-xxx	1/2	13	21/64	8	010, 015, 020, 025	2-1/2	64	150	1.03	450	3.10
UFS-86-TBLU-xxx	1/2	13	3/8	10	010, 020	2-1/2	64	110	.76	330	2.28
UFS-96-TBLU-xxx	9/16	17	3/8	10	010, 015, 020, 025	2-1/2	64	140	.97	420	2.90
UFS-128-TBLU-xxx	3/4	19	1/2	13	010, 015, 020, 025	3	76	125	.86	375	2.59

## Construction

Tube: Transparent Blue Polyurethane

## Operating Parameters

Service temperature range: -40°F to +180°F (-40°C to +82°C)

Maximum working pressure based on safety factor of 3:1 over burst

## Order Information

**Example: UFS-86-TBLU-010**

**UFS-86-TBLU-010 – Assembled NoMar™ Fast-Stor**

**UFS-86-TBLU-010 – Tube OD (1/2")**

**UFS-86-TBLU-010 – Tube ID (3/8")**

**UFS-86-TBLU-010 – Color (Transparent Blue)**

**UFS-86-TBLU-010 – Total Length (10')**

## Notes

xxx- Denotes Hose Length (feet)

Pigtail Lengths – 16" End #1, 8" End #2

Other sizes available upon request

## Colors

Color Code		
	TBLU	Transparent Blue

Other colors available upon request - consult factory



# Parflex NoMar™ Fast-Stor® Coiled Assembly AHUFS



## Features

- Manufactured from durable, abrasion-resistant 98 Durometer Polyurethane
- Excellent memory characteristics over a wide temperature range
- Long service life in rugged applications

## Applications/Markets



- Auto Repair
- Blow Guns
- Construction
- Carpentry
- Furniture Manufacturing
- Mfg. Air Drops
- Marine
- Water Hose

Assembly Part Number	Hose O.D.		Hose I.D.		Working Length		Nominal Compact Length		Coil I.D.		Maximum Working Pressure 73°F/23°C		Minimum Burst at 73°F/23°C	
	inch	mm	inch	mm	ft.	mtr.	inch	mm	inch	mm	psi	MPa	psi	MPa
#														
AHUFS-6-xxx-015	3/8	10	1/4	6	15	4.6	13	330	1-1/4	32	180	1.24	540	3.72
AHUFS-6-xxx-025	3/8	10	1/4	6	25	6.7	22	559	1-1/4	32	180	1.24	540	3.72

## Construction

Tube: 98 Durometer Polyurethane  
Fitting: Brass

## Operating Parameters

Service temperature range: -40°F to +180°F (-40°C to +82°C)

Maximum working pressure based on safety factor of 3:1 over burst.

## Notes

xxx- Denotes Color

Retail packaging available - Add "R" suffix when ordering  
Pigtail Lengths - 16" End #1, 8" End #2

Other sizes available upon request

## Colors

Color Code		
	BLK	Black
	BLU	Blue
	RED	Red
	YEL	Yellow

Other colors available upon request - consult factory

## Order Information

**Example: AHUFS-6-BLK-015**

**AHUFS-6-BLK-015 – Assembled High Durometer Urethane Fast-Stor**

AHUFS-6-BLK-015 – **Tube OD (3/8")**

AHUFS-6-**BLK**-015 – **Color (Black)**

AHUFS-6-BLK-**015** – **Total Length (15')**

For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | [parker.com/pfd](http://parker.com/pfd)



C-17

A Hose

B Tubing

C Coiled Air Hose & Fittings

D Transportation

E Fittings

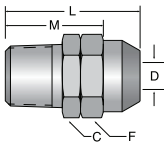
F Tooling, Equipment & Accessories

G General Technical

# Parflex NoMar™ Fast-Stor® Fittings

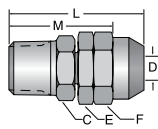
Parflex NoMar™ Fast-Stor® fittings are manufactured from a heavy brass construction utilizing all standards for NPTF pipe threads. The engineered barb design generates the maximum gripping and sealing power when combined with the socket.

## MCB Male Pipe Rigid



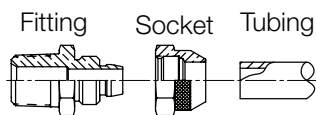
Part Number	Hose Part Number	Thread Size	Hose I.D.		L		Cutoff M		C Hex		F Hex	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
#	#											
MCB-3x2-2	UFS-32	1/8 NPT	0.11	2.8	0.94	23.8	0.72	18.3	7/16	11	7/16	11
MCB-4x2-2	UFS-42	1/8 NPT	0.12	3.0	1.00	25.4	0.74	18.8	7/16	11	7/16	11
MCB-4x2-4	UFS-42	1/4 NPT	0.12	3.0	1.16	29.5	0.90	22.9	9/16	14	7/16	11
MCB-6x4-4	UFS-64	1/4 NPT	0.23	5.8	1.16	29.5	0.90	22.9	5/8	16	5/8	16
MCB-6x4-6	UFS-64	3/8 NPT	0.23	5.8	1.20	30.5	0.94	23.9	3/4	19	5/8	16
MCB-8x5-6	UFS-85	3/8 NPT	0.27	6.9	1.29	32.8	0.99	25.1	3/4	19	3/4	19
MCB-8x6-4	UFS-86	1/4 NPT	0.28	7.1	1.29	32.8	1.03	26.1	3/4	19	3/4	19
MCB-8x6-6	UFS-86	3/8 NPT	0.34	6.6	1.30	33.0	1.04	26.4	3/4	19	3/4	19
MCB-9x6-6	UFS-96	3/8 NPT	0.31	7.9	1.47	37.3	1.10	27.9	7/8	22	7/8	22
MCB-9x6-8	UFS-96	1/2 NPT	0.32	8.1	1.61	40.9	1.24	31.5	7/8	22	7/8	22
MCB-12x8-8	UFS-128	1/2 NPT	0.42	10.7	1.98	50.0	0.94	24.0	1	25	1	25

## MLB Male Live Swivel



Part Number	Hose Part Number	Thread Size	Hose I.D.		L		Cutoff M		C Hex		E Hex		F Hex	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
#	#													
MLB-4x2-4	UFS-42	1/4 NPT	0.12	3.0	1.37	34.8	1.11	28.2	9/16	14	7/16	11	9/16	14
MLB-6x4-4	UFS-64	1/4 NPT	0.22	5.6	1.37	34.8	1.11	28.2	9/16	14	5/8	16	5/8	16
MLB-6x4-6	UFS-64	3/8 NPT	0.23	5.8	1.58	40.1	1.32	33.5	3/4	19	5/8	16	5/8	16
MLB-8x5-6	UFS-85	3/8 NPT	0.27	6.9	1.68	42.7	1.38	35.1	3/4	19	3/4	19	3/4	19
MLB-8x6-6	UFS-86	3/8 NPT	0.33	8.4	1.71	43.4	1.45	36.8	3/4	19	3/4	19	3/4	19
MLB-9x6-6	UFS-96	3/8 NPT	0.31	7.9	1.87	47.5	1.50	38.1	3/4	19	7/8	22	7/8	22
MLB-9x6-8	UFS-96	1/2 NPT	0.31	7.9	1.95	49.5	1.58	40.1	15/16	24	7/8	22	7/8	22
MLB-12x8-8	UFS-128	1/2 NPT	0.42	10.7	2.30	56.5	1.26	32.0	7/8	22	1	25	1	25

### Assembly Instructions



1. Slide the socket on the tubing with threads facing the end of the tubing.
2. Press the tubing over the Tube Support portion of the fitting until the tube bottoms out. Do not use a lubricant.
3. Push the socket up to meet the mating threads on the fitting, finger tighten the socket onto the fitting.
4. Tighten the fitting and socket until the fitting hex and socket hex meet.

For detailed ordering information, please consult price list or contact Parflex® Division.

# Ultra-Lite Superbraid Hose



## Features

- More than 20% lighter than similar braided polyurethane hoses
- Extremely tough and abrasion resistant
- State-of-the-art strain relief system allows the hose to bend freely without kinking at the fitting
- Features lightweight, non-marring jacket

## Applications/Markets



- Auto Repair
- Blow Guns
- Construction
- Carpentry
- Furniture Manufacturing
- Mfg. Air Drops
- Marine
- Water Hose

Part Number	Nominal I.D.		Nominal O.D.		Total Length	Maximum Working Pressure 73°F/23°C		Fitting Size & Type
	inch	mm	inch	mm		psi	MPa	
#								
SB-4-B-xxx-ML4 SB-4-Y-xxx-ML4	1/4	6	3/8	10	25, 050, 100	220	1.52	1/4" Male NPT, Swivel
SB-5-B-xxx-ML6 SB-5-Y-xxx-ML6	5/16	8	15/32	12	25, 050, 100	185	1.28	3/8" Male NPT, Swivel
SB-6-Y-xxx-ML4	3/8	10	.515	13	25, 050, 100	200	1.38	1/4" Male NPT, Swivel
SB-6-Y-xxx-ML6	3/8	10	.515	13	25, 050, 100	200	1.38	3/8" Male NPT, Swivel
SB-6-Y-xxx-MC4	3/8	10	.515	13	25, 050, 100	200	1.38	1/4" Male NPT, Swivel
SB-6-Y-xxx-MC6	3/8	10	.515	13	25, 050, 100	200	1.38	3/8" Male NPT, Swivel

### Construction

Tube: Polyurethane  
 Reinforcement: Polyester  
 Cover: Polyurethane  
 Fittings: Brass  
 O-rings: Buna-N  
 Strain Relief Sleeves: Acetal

### Operating Parameters

Temperature Range: -40°F to +165°F  
 (-40°C to +74°C)

### Notes

xxx- Denotes Hose Length

### Fittings

Parker Fittings available from:  
 Fluid System Connectors Division  
 Otsego, MI  
 (269) 692-6555  
 (269) 694-4614 FAX

### Field Attachable Fittings

Hose Size	Fitting Size	Fitting Type	F.A. Fitting	F.A. Fitting & Strain Relief
Inch	Inch		Part Number*	Part Number**
1/4	1/4	Male NPT, Swivel	06244S	07244S
5/16	1/4	Male NPT, Swivel	06254S	-
5/16	3/8	Male NPT, Swivel	06256S	-
3/8	1/4	Male NPT, Rigid	06264RU	07264RU
3/8	1/4	Male NPT, Swivel	06264SU	07264SU
3/8	3/8	Male NPT, Swivel	06266SU	07266SU
1/4	-	Hose Splicer	06244-HS	-
3/8	-	Hose Splicer	06266-HSU	-

\* Includes Fitting & Nut (No Strain Relief).

\*\* Includes Fitting & Nut with permanently attached strain relief.



Parflex Field Attachable Fittings do not require inserts or ferrules that become deformed during installation, so the fittings can be used over again without replacing any components. In addition, only two wrenches are needed to complete a safe and secure connection, making fitting replacement quick and easy!

## SB – Bulk Hose Without Fittings

Part Number	Nominal I.D.		Nominal O.D.		Working Length	Maximum Working Pressure	
	inch	mm	inch	mm		psi	MPa
#							
SB-4-B-xxx SB-4-Y-xxx	1/4	6	3/8	10	025, 050, 100, 500	220	1.52
SB-5-B-xxx SB-5-Y-xxx	5/16	8	15/32	12	025, 050, 100, 300	185	1.28
SB-6-Y-xxx	3/8	10	.515	13	025, 050, 100, 500	200	1.38

### Order Information

**Example: SB-4-Y-050-ML4**

**SB-4-Y-050-ML4 – Super Braid**

**SB-4-Y-050-ML4 – Hose ID (1/4")**

**SB-4-Y-050-ML4 – Color (Yellow)**

**SB-4-Y-050-ML4 – Total Length (50')**

**SB-4-Y-050-ML4 – Fittings Size & Type  
(1/4' Male NPT, Swivel)**

Color Code		
	TBLU	Transparent Blue
	YEL	Yellow

*For detailed ordering information, please consult price list or contact Parflex® Division.*