

# Synflex Optimum

4TA series fittings

Designed for efficiency.

Over 500+ combinations of terminal ends.



Best-in-class features come standard.

### Seamless compatibility

Synflex Optimum fittings are optimized to work together with Synflex Optimum thermoplastic hydraulic hoses.

### Single piece design

Synflex Optimum 4TA fittings follow a simple one-piece design that reduces matching errors during assembly, eliminates brazing failure risks and lowers assembly time.

### Captive nut

A captive nut eliminates the weak spots found in other fittings. And it evenly distributes the force applied during assembly, helping prevent cracks and leaks that halt workflows and lead to unplanned downtime.

### Easy assembly

Easier insertion, less force needed during assembly to push fitting onto hose

### More configurations

Over 500+ combinations of terminal ends

Designed for ease of use.

### Smaller profile

They have a compact design and smaller profile making it easier for routing and assembly installation, especially in tight spaces.

### Easy identification

Part numbers printed on fittings for easy identification.



Designed to last.

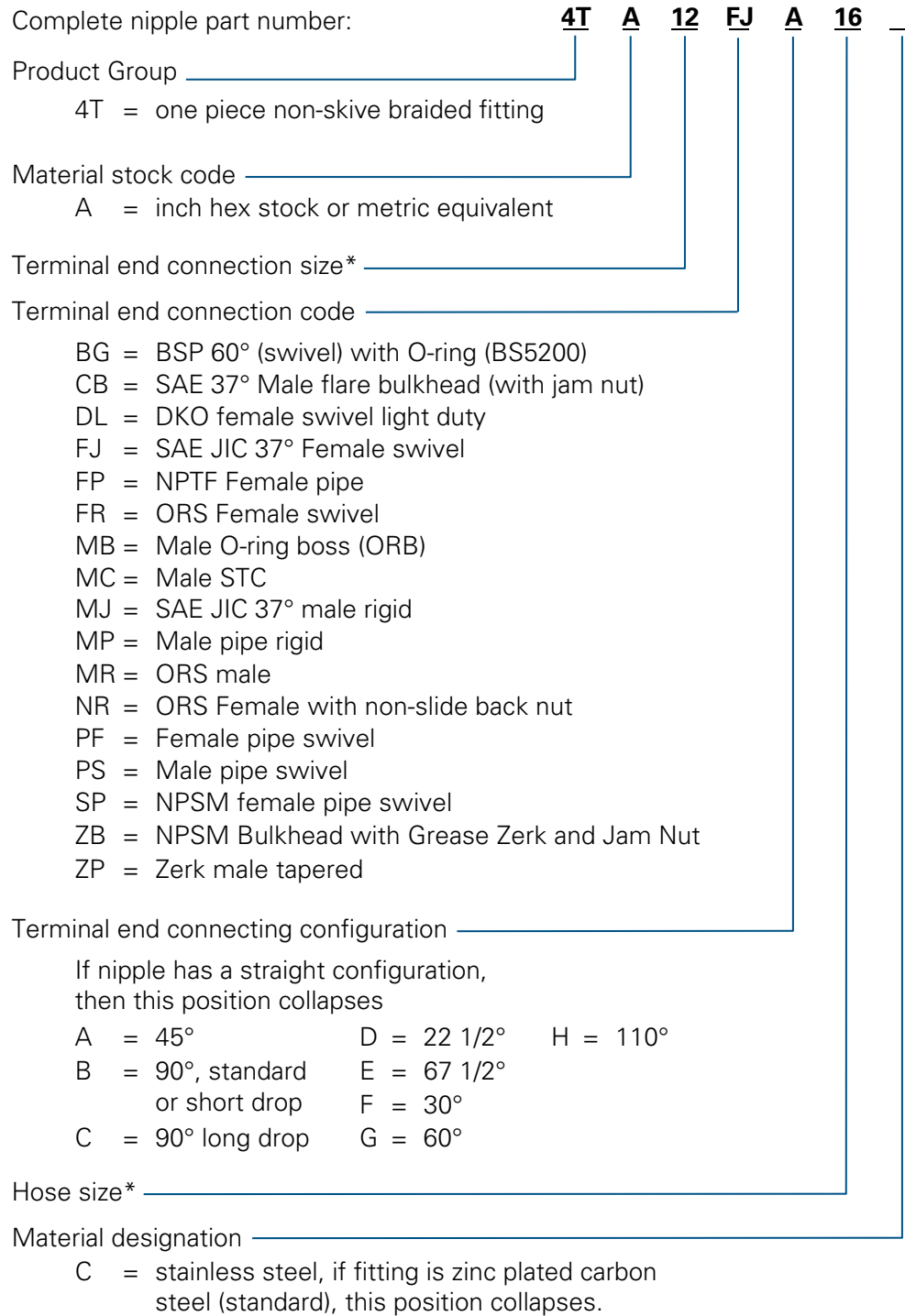
### Corrosion resistance

Dura-Kote plating comes standard in our Synflex Optimum fittings. Dura-Kote plating delivers up to 3x the corrosion protection on carbon steel fittings as compared to competitive hose fittings. And provides up to 1,000 hours of corrosion resistance. This is a huge step forward in metal fitting corrosion protection.



Corrosion comparison after 650 hours of exposure to salt spray testing.

## 4TA fitting nomenclature



\* When ordering sizes 3, 4, 5, 6 and 8 the part number requires only single digits

# Synflex Optimum

## 4TA-series fittings



CB - JIC/37° male flare bulkhead (with jam nut)

Part #	Hose Size	Thread
4TA6CB6	-06	9/16 - 18



DL - DKO female swivel (light duty)

Part #	Hose Size	Thread
	in	mm
4T5DL4	-04	M12 x 1.5
4T8DL6	-06	M16 x 1.5



FJ - JIC/37° male flare bulkhead (with jam nut)

Part #	Hose Size	Thread
	in	in
4TA4FJ4	-04	7/16 - 20
4TA4FJ6	-06	7/16 - 20
4TA5FJ4	-04	1/2 - 20
4TA5FJ5	-05	1/2 - 20
4TA5FJ6	-06	1/2 - 20
4TA6FJ4	-04	9/16 - 18
4TA6FJ5	-06	9/16 - 18
4TA6FJ6	-06	9/16 - 18

Part #	Hose Size	Thread
	in	in
4TA8FJ6	-06	3/4 - 16
4TA8FJ8	-08	3/4 - 16
4TA10FJ8	-08	7/8 - 14
4TA12FJ8	-08	1 1/16 - 12
4TA12FJ10	-10	1 1/16 - 12
4TA12FJ12	-12	1 1/16 - 12
4TA16FJ16	-16	1 5/16 - 12



FJA - JIC/37° female swivel, 45° tube elbow

Part #	Hose Size	Thread
	in	in
4TA4FJA4	-04	7/16 - 20
4T6FJA5	-05	9/16 - 18
4TA6FJA6	-06	9/16 - 18
4TA8FJA6	-06	7/8 - 14
4TA8FJA8	-08	3/4 - 16
4TA10FJA8	-08	7/8 - 14



FJB - JIC/37° female swivel, 90° tube elbow

Part #	Hose Size	Thread
	in	in
4TA4FJB4	-04	7/16 - 20
4TA5FJB4	-04	1/2 - 20
4TA6FJB4	-04	9/16 - 18
4T6FJB5	-04	9/16 - 18
4TA6FJB6	-06	9/16 - 18
4TA8FJB6	-06	3/4 - 16
4TA8FJB8	-08	3/4 - 16
4TA10FJB8	-08	7/8 - 12
4TA12FJB12	-12	1 1/16 - 12



FJC - JIC/37° female swivel, 90° long drop tube elbow

Part #	Hose Size	Thread
	in	in
4TA4FJC4	-04	7/8 - 14
4TA6FJC6	-06	9/16 - 18
4TA8FJC6	-06	3/4 - 16
4TA8FJC8	-08	3/4 - 16
4TA10FJC8	-08	7/8 - 14



FP - NPTF female pipe

Part #	Hose Size	Thread
	in	in
4TA4FP4	-04	1/4 - 18
4TA8FP8	-08	1/2 - 14



FR - Female ORS swivel

Part #	Hose Size	Thread
	in	in
4TA4FR4	-04	9/16 - 18
4TA6FR4	-04	11/16 - 16
4TA6FR6	-06	11/16 - 16
4TA8FR6	-06	13/16 - 16
4TA8FR8	-08	13/16 - 16
4TA10FR8	-08	1 - 14
4TA10FR10	-10	1 - 14
4TA12FR12	-12	1 3/16 - 12



FRA - Female ORS swivel, 45 tube elbow

Part #	Hose Size	Thread
	in	in
4TA4FRA4	-04	9/16 - 18
4TA6FRA6	-06	11/16 - 12

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## 4TA-series fittings



FRB - Female ORS swivel,  
90 tube elbow short drop

Part #	Hose Size	Thread
	in	in
4TA4FRB4	-04	9/16 - 18
4TA6FRB4	-04	11/16 - 16
4TA6FRB6	-06	11/16 - 16
4TA8FRB8	-06	13/16 - 12



GB - Male cone,  
60 block

Part #	Hose Size	Thread
	in	in
4TA6BGB6	-06	3/8 - 19



MB - Male straight  
O-ring rigid

Part #	Hose Size	Thread
	in	in
4TA4MB4	-04	7/16 - 20
4TA5MB4	-04	1/2 - 20
4TA6MB4	-04	9/16 - 18
4TA6MB5	-05	1/2 - 20
4TA6MB6	-06	9/16 - 18
4TA8MB6	-06	3/4 - 16



MJ - JIC/37  
male rigid

Part #	Hose Size	Thread
	in	in
4TA4MJ4	-04	7/16 - 20
4TA5MJ4	-04	1/2 - 20
4TA5MJ5	-05	1/2 - 20
4TA6MJ4	-04	9/16 - 18
4TA6MJ5	-05	9/16 - 18
4TA6MJ6	-06	9/16 - 18
4TA8MJ6	-06	3/4 - 16
4TA8MJ8	-08	3/4 - 16
4TA10MJ8	-08	7/8 - 14



MP - NPTF male pipe rigid

Part #	Hose Size	Thread
	in	in
4TA2MP4	-04	1/8 - 27
4TA4MP4	-04	1/4 - 18
4T4MP5	-05	1/4 - 18

Part #	Hose Size	Thread
	in	in
4TA4MP6	-06	1/4 - 18
4TA6MP4	-04	3/8 - 18
4T6MP5	-05	3/8 - 18
4TA6MP6	-06	3/8 - 18
4TA6MP8	-08	3/8 - 18
4TA8MP6	-06	1/2 - 14
4TA8MP8	-08	1/2 - 14
4TA12MP12	-12	3/4 - 14
4TA16MP16	-16	1 - 11 1/2



MR - ORS male

Part #	Hose Size	Thread
	in	in
4TA4MR4	-04	9/16 - 18
4TA6MR6	-06	11/16 - 16
4TA8MR6	-06	13/16 - 16
4TA8MR8	-08	13/16 - 16



NR - ORS female with  
non-slide back nut

Part #	Hose Size	Thread
	in	in
4TA6NR6	-06	11/16 - 16
4TA10NR10	-10	1 - 14



PF - Female pipe  
swivel

Part #	Hose Size	Thread
	in	in
4TA4PF4	-04	1/4 - 18
4TA6PF6	-06	3/8 - 18



PS - NPTF male  
pipe swivel

Part #	Hose Size	Thread
	in	in
4TA4PS4	-04	1/4 - 18
4TA4PS5	-05	1/4 - 18
4TA6PS6	-06	3/8 - 18
4TA8PS8	-08	1/2 - 14
4TA12PS12	-12	3/4 - 14



SP - NPSM female  
pipe swivel

Part #	Hose Size	Thread
	in	in
4TA4SP4	-04	1/4 - 18
4TA6SP6	-06	3/8 - 18
4TA8SP8	-08	1/2 - 14
4TA16SP16	-16	1 - 11 1/2