



# Nylon D.O.T. Tubing

D.O.T. Nylon tubing is manufactured specifically for use in heavy vehicle, pneumatic braking systems. Available in both **Type A** and **Type B**, TechniDOT™ tubing offers excellent resistance to abrasion, gasoline, diesel fuel, and commonly used road salts.

**Type A** tubing is a single wall extrusion less than 5/16" OD in size, and only used for accessories such as gauges.

**Type B** tubing is a reinforced extrusion typically over 5/16" OD in size and used to supply air within the braking system.

Specifications	
Temperature Range	-49°F to 221°F
Material	Nylon 12 (PA 12)
Reinforcement (Type B)	Polyester
Safety Factor	4:1
Tariff Code	3917.32.0000

Certifications/Compliance
SAE J 844
DOT FMVSS 49 CFR 571.106

Fitting Compatibility
D.O.T. Push-to-Connect Fittings
D.O.T. Compression-Style Fittings

Material Availability by Color Code						
Item Code	Size	Black	Green	Navy Blue	Red	Yellow
DOT04	1/4"	✓	✓	✓	✓	✓
DOT06	3/8"	✓	✓	✓	✓	✓
DOT08	1/2"	✓	✓	✓	✓	✓
DOT10	5/8"	✓	✓	✓	✓	✓
DOT12	3/4"	X	X	X	X	X

✓ = Standard Lead Time  
 X = Extended Lead Time, Minimum Runs Apply  
 Availability is Subject to Change, Contact ATP

## DOT A 04 D NB

Material		Type	Tubing O.D.		Package Lengths		Color Code	
DOT	D.O.T. Nylon	A	04	1/4"	A	100 ft	BK	Black
		B	06	3/8"	B	250 ft	G	Green
			08	1/2"	C	500 ft	NB	Navy Blue
			10	5/8"	D	1000 ft	R	Red
			12	3/4"			Y	Yellow

## Fractional Sizes

Part Number (Add Color)	OD	ID	Length (ft)	Bend Radius	Working Pressure	Type
DOTA04A_	1/4" (0.250")	0.170"	100	1.00"	300 psi	A
DOTA04C_			500			
DOTA04D_			1,000			
DOTB06A_	3/8" (0.375")	0.251"	100	1.50"	300 psi	B
DOTB06C_			500			
DOTB08A_	1/2" (0.500")	0.376"	100	2.00"	235 psi	B
DOTB08C_			500			
DOTB10A_	5/8" (0.625")	0.441"	100	2.50"	225 psi	B
DOTB10B_			250			
DOTB12A_	3/4" (0.750")	0.566"	100	3.00"	200 psi	B
DOTB12B_			250			



# D.O.T. Fittings

Constructed of brass and available in push-to-connect, compression, and rubber hose applications, TechniDOT™ is well-suited for air brake applications.

- Every TechniDOT™ Fitting is Quality Tested and Stamped with a Green Circle
- Pre-Applied Teflon® Sealant on Male Threads
- Full-Flow Design



## DOT 68 - 04 02

TechniDOT™		Fitting Style		Tubing/Hose Size		Thread Size	
02	1/8"	01	1/16"	02	1/8"	04	1/4"
04	1/4"	06	3/8"	08	1/2"	10	5/8"
05	5/32"	12	3/4"				

Specifications	
Temperature Range	-40° F to 212°F (-40°C to 100°C)
Maximum Working Pressure	260 psi (17,9 Bar)
Construction	Brass
Seals	NBR Rubber

**Warning**

This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defect.

For more information, go to:  
[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

## TechniDOT™ Push-to-Connect Fittings



Tube	Thread	45° Male Rigid	45° Male Swivel	Male Straight	Male Rigid Elbow	Male Swivel Elbow
5/32"	1/16" Male NPT	DOT54-0501*	DOT54S-0501*	DOT68-0501		
	1/8" Male NPT	DOT54-0502*	DOT54S-0502*	DOT68-0502	DOT69-0502	DOT69S-0502
	1/4" Male NPT	DOT54-0504*				DOT69S-0504
1/4"	1/16" Male NPT			DOT68-0401		
	1/8" Male NPT	DOT54-0402	DOT54S-0402	DOT68-0402	DOT69-0402	DOT69S-0402
	1/4" Male NPT	DOT54-0404	DOT54S-0404	DOT68-0404	DOT69-0404	DOT69S-0404
	3/8" Male NPT			DOT68-0406	DOT69-0406	DOT69S-0406
3/8"	1/8" Male NPT	DOT54-0602	DOT54S-0602	DOT68-0602	DOT69-0602	DOT69S-0602
	1/4" Male NPT	DOT54-0604	DOT54S-0604	DOT68-0604	DOT69-0604	DOT69S-0604
	3/8" Male NPT	DOT54-0606	DOT54S-0606	DOT68-0606	DOT69-0606	DOT69S-0606
	1/2" Male NPT	DOT54-0608		DOT68-0608	DOT69-0608	DOT69S-0608
1/2"	1/4" Male NPT	DOT54-0804	DOT54S-0804	DOT68-0804	DOT69-0804	DOT69S-0804
	3/8" Male NPT	DOT54-0806	DOT54S-0806	DOT68-0806	DOT69-0806	DOT69S-0806
	1/2" Male NPT	DOT54-0808	DOT54S-0808	DOT68-0808	DOT69-0808	DOT69S-0808
5/8"	3/8" Male NPT	DOT54-1006		DOT68-1006	DOT69-1006	DOT69S-1006
	1/2" Male NPT	DOT54-1008	DOT54S-1008	DOT68-1008	DOT69-1008	DOT69S-1008
3/4"	1/2" Male NPT	DOT54-1208		DOT68-1208	DOT69-1208	DOT69S-1208
	3/4" Male NPT	DOT54-1212	DOT54S-1212	DOT68-1212	DOT69-1212	DOT69S-1212

\* Non-Stock, Minimums Apply



Tube	Thread	Hex Female Straight	Female Rigid Elbow	Female Swivel Elbow	Female Rigid Branch Tee	Female Swivel Branch Tee	Female Bulkhead Union
1/4"	1/8" Female NPT	DOT66-0402	DOT70-0402		DOT77-0402	DOT77S-0402	DOT86-0402
	1/4" Female NPT	DOT66-0404	DOT70-0404	DOT70S-0404	DOT77-0404	DOT77S-0404	DOT86-0404
	3/8" Female NPT		DOT70-0406				
3/8"	1/4" Female NPT	DOT66-0604	DOT70-0604		DOT77-0604	DOT77S-0604	DOT86-0604
	3/8" Female NPT	DOT66-0606	DOT70-0606		DOT77-0606		DOT86-0606
1/2"	3/8" Female NPT	DOT66-0806					DOT86-0806
	1/2" Female NPT	DOT66-0808	DOT70-0808				



Tube	Tube 2	Thread	Male Rigid Run Tee	Male Swivel Run Tee	Male Rigid Branch Tee	Male Swivel Branch Tee	Reducing Male Rigid Run Tee
1/4"	1/4"	1/8" Male NPT	DOT71-0402	DOT71S-0402	DOT72-0402	DOT72S-0402	
		1/4" Male NPT	DOT71-0404	DOT71S-0404	DOT72-0404	DOT72S-0404	
3/8"	1/4"	1/4" Male NPT					DOT78-060404
		1/8" Male NPT				DOT72S-0602	
	3/8"	1/4" Male NPT	DOT71-0604	DOT71S-0604	DOT72-0604	DOT72S-0604	
		3/8" Male NPT	DOT71-0606	DOT71S-0606	DOT72-0606		
1/2"	1/2"	1/4" Male NPT			DOT72-0804	DOT72S-0804	
		3/8" Male NPT	DOT71-0806	DOT71S-0806	DOT72-0806	DOT72S-0806	
		1/2" Male NPT		DOT71S-0808		DOT72S-0808	



Tube	Union	Bulkhead Union	Union Tee	Union Elbow
5/32"	DOT62-05			
1/4"	DOT62-04	DOT82-04	DOT64-04	DOT65-04
1/4" x 3/8"			DOT79-0406	
3/8"	DOT62-06	DOT82-06	DOT64-06	DOT65-06
3/8" x 5/32"			DOT79-0605	
3/8" x 1/4"			DOT79-0604	
1/2"	DOT62-08	DOT82-08	DOT64-08	DOT65-08
5/8"	DOT62-10	DOT82-10	DOT64-10	
3/4"	DOT62-12		DOT64-12	

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## TechniDOT™ Compression Fittings (For Use with SAE J844 Nylon Tubing)



Tube	Ferrule	Nut	Union	Union Tee	Tube Insert
1/4"	DOT60-04	DOT61-04	DOT62C-04	DOT64C-04	DOT73C-04
1/4" x 3/8" x 3/8"				DOT64C-040606	
3/8"	DOT60-06	DOT61-06	DOT62C-06	DOT64C-06	DOT73C-06
3/8" x 3/8" x 1/4"				DOT64C-060604	
1/2"	DOT60-08	DOT61-08	DOT62C-08	DOT64C-08	DOT73C-08
1/2" x 1/2" x 3/8"				DOT64C-080806	
5/8"	DOT60-10	DOT61-10	DOT62C-10	DOT64C-10	DOT73C-10
3/4"	DOT60-12	DOT61-12	DOT62C-12	DOT64C-12	DOT73C-12



Tube	Thread	Male Connector	90° Male Elbow	Male Run Tee	Male Branch Tee	45° Male Elbow
1/4"	1/8" Male NPT	DOT68C-0402	DOT69C-0402	DOT71C-0402	DOT72C-0402	DOT95C-0402
	1/4" Male NPT	DOT68C-0404	DOT69C-0404	DOT71C-0404	DOT72C-0404	DOT95C-0404
	3/8" Male NPT	DOT68C-0406	DOT69C-0406			
3/8"	1/8" Male NPT	DOT68C-0602	DOT69C-0602		DOT72C-0602	DOT95C-0602
	1/4" Male NPT	DOT68C-0604	DOT69C-0604	DOT71C-0604	DOT72C-0604	DOT95C-0604
3/8" x 1/4"	1/4" Male NPT			DOT71C-060404		
3/8"	3/8" Male NPT	DOT68C-0606	DOT69C-0606	DOT71C-0606	DOT72C-0606	DOT95C-0606
	1/2" Male NPT	DOT68C-0608	DOT69C-0608			DOT95C-0608
1/2"	1/4" Male NPT	DOT68C-0804	DOT69C-0804		DOT72C-0804	DOT95C-0804
	3/8" Male NPT	DOT68C-0806	DOT69C-0806	DOT71C-0806	DOT72C-0806	DOT95C-0806
	1/2" Male NPT	DOT68C-0808	DOT69C-0808	DOT71C-0808	DOT72C-0808	DOT95C-0808
	3/4" Male NPT	DOT68C-0812				
5/8"	3/8" Male NPT	DOT68C-1006	DOT69C-1006			DOT95C-1006
	1/2" Male NPT	DOT68C-1008	DOT69C-1008	DOT71C-1008	DOT72C-1008	DOT95C-1008
3/4"	1/2" Male NPT	DOT68C-1208	DOT69C-1208			DOT95C-1208
	3/4" Male NPT	DOT68C-1212				



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## TechniDOT™ Rubber Hose Fittings (For Use with SAE J1402 Rubber Hose)



Hose ID	Thread	Male Connector With Spring	Male Connector Without Spring	Female Crimp Connector	Male Connector Body
3/8"	1/4"	DOT78RH-0604	DOT68RH-0604		
	3/8"	DOT78RH-0606	DOT68RH-0606		DOT66RHB-0606
	1/2"	DOT78RH-0608	DOT68RH-0608		DOT66RHB-0608
	3/4"			DOT66RH-0612	
1/2"	3/8"	DOT78RH-0806	DOT68RH-0806		DOT66RHB-0806
	1/2"	DOT78RH-0808	DOT68RH-0808		DOT66RHB-0808
	7/8"			DOT66RH-0814	



Hose ID	Sleeve	Spring Guard Nut	Rubber Union	Spring
3/8"	DOT60RH-06	DOT61RH-06	DOT62RH-06	DOT70RH-06
1/2"	DOT60RH-08	DOT61RH-08	DOT62RH-08	DOT70RH-08

## TechniDOT™ Thread Adapters



Thread 1	Thread 2	Male Adapter
3/8"	1/4"	DOT88-0604

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