



# DuraLink™ Solution DOT Tubing and Fittings

Confidence in Every Connection



## Manufactured in the U.S.

Bring stability to your supply chain by eliminating the delays and uncertainties of imported products.

## Rugged Durability

DuraLink tubing excels in bend and tensile tests, consistently surpassing competitors and exceeding SAE J844 and FMVSS 49 CFR 571.106 requirements.

## Perfect Pairing

When paired with Alkon fittings, DuraLink tubing delivers unmatched system performance, setting a new standard for all competitor pairings.

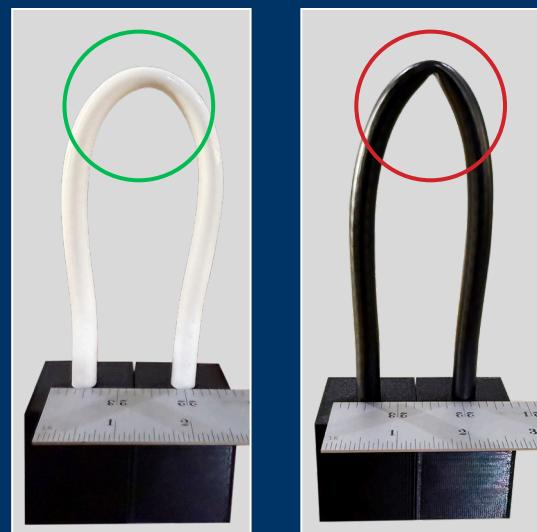
## Versatile Tubing Options

Available in multiple colors and sizes, DuraLink tubing can be ordered in standard rolls by diameter or cut-to-length.

# Proven DOT Performance, Backed by Rigorous Testing

Proudly made in the US, Alkon's DuraLink™ Solution pairs high-performance DOT tubing with proven push-to-connect fittings to deliver exceptional strength and reliability. Designed to exceed FMVSS and SAE standards, it redefines expectations for quality and durability.

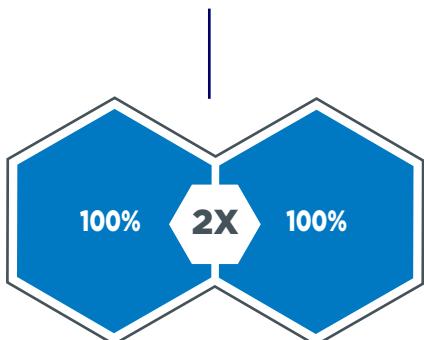
Alkon's all-new DuraLink tubing is engineered for critical air brake and air suspension applications where performance cannot be compromised. Validated through extensive testing, the DuraLink tubing and fittings surpass US and imported alternatives.



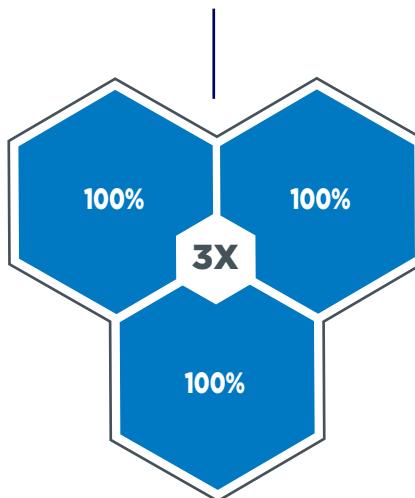
Alkon DuraLink™  
*No Kinking!*

The Other Guys

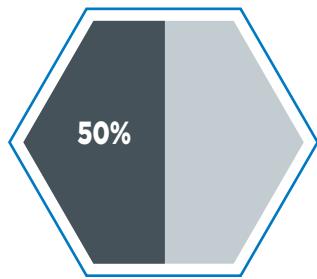
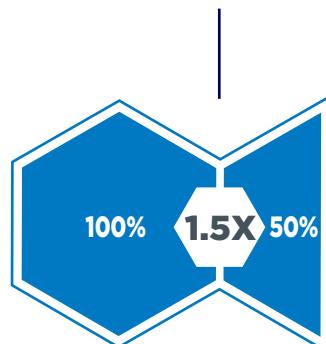
Alkon DuraLink products have 2 times the tensile loading as required by SAE.



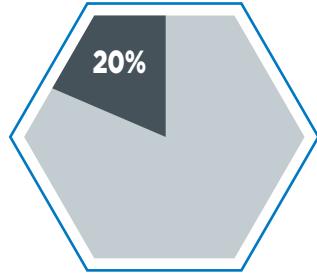
Alkon DuraLink products have 3 times the required elongation.



Using DuraLink™ tubing increases the performance of competitor fittings by 1.5 times.



Import product fall 50% short of Alkon tensile performance and FAIL TO MEET SAE STANDARDS!



Domestic and import fittings and tubing exhibit 20% of the DuraLink elongation performance and FAIL TO MEET SAE STANDARDS!

# DESIGN SPECIFICATIONS

Tube Size	Tube O.D.	Wall Thickness	Type	Material	Min. Burst Pressure	Min. Bend Radius
5/32	5/32"	.032"	A	Nylon	1200 psi	1/2"
04	1/4"	.040"	A	Nylon	1200 psi	1"
06	3/8"	.062"	B	Reinforced Nylon	1400 psi	1-1/2"
08	1/2"	.062"	B	Reinforced Nylon	950 psi	2"
10	5/8"	.092"	B	Reinforced Nylon	900 psi	2-1/2"
12	3/4"	.092"	B	Reinforced Nylon	800 psi	3"

**Tubing Material:** Nylon

**Maximum Working Pressure:** 145 psi

**Operating Temperature Range:** -40°F to +200°F

**Compliance Standards:** SAE J844 and FMVSS 49 CFR 571.106

**Environmental Resistance:** Withstands extreme temperatures and road conditions



## PART NUMBER CONFIGURATOR

**DL** - **SIZE** - **COLOR** - **LENGTH**

SIZE		COLOR		LENGTH	
Tube Size Code	Tube O.D.	Tube Color Code	Color	Tube Length Code	Length
5/32	5/32"	BL	Black	250	250 Feet
04	1/4"	BLU	Blue	500	500 Feet
06	3/8"	GN	Green	1000	1000 Feet
08	1/2"	GY	Grey		
10	5/8"	O	Orange		
12	3/4"	PU	Purple		
		R	Red		
		WH	White		
		Y	Yellow		
		BR	Brown		

**PART NUMBER EXAMPLE: DL06BL500**

**Tube Size** is 06 for a tube O.D. of 3/8"

**Color** is BL for black

**Length** is 500 for a reel size of 500 feet

**Description:** J844 Air Brake Tube, 3/8" Black, Length of 500 Feet

## PART NUMBER INFORMATION

Tube Size O.D.					
5/32"	1/4"	3/8"	1/2"	5/8"	3/4"
DL5/32BL1000	DL04BL1000	DL06BL500	DL08BL500	DL10BL250	DL12BL250
	DL04BLU1000	DL06BLU500	DL08BLU500	DL10GN250	DL12BLU250
	DL04GN1000	DL06GN500	DL08GN500	DL10O250	DL12GN250
	DL04GY1000	DL06GY500	DL08O500		
	DL04O1000	DL06O500	DL08R500		
	DL04PU1000	DL06PU500	DL08Y500		
	DL04R1000	DL06R500			
	DL04WH1000	DL06WH500			
	DL04Y1000	DL06Y500			

**Why ALKON?** Optimize your system by pairing an Alkon fitting with DuraLink™ tubing for trusted performance.



### Shape Configuration

FRACTIONAL			
SHAPE	STYLES	TUBE SIZE	THREAD
<b>AQ</b>	-	-	X
METRIC			
<b>MAQ</b>	-	-	X
EXTREME			
<b>XQ</b>	-	-	X
COMPOSITE			
<b>PAQ</b>	-	-	X
POLY TYPE			
<b>AP</b>	-	-	X

EXAMPLE: AQ68-DOT-4X2

AQ - AQ SERIES, 68 - MALE CONNECTOR,  
DOT - DOT NON-SWIVEL, 4 - 1/4" TUBE, 2 - 1/8" NPT

SHAPE	
See the available options below.	
STYLES	
P	Non-Swivel
PS	Swivel
DOT	DOT - Non-Swivel
DOTS	DOT - Swivel
N	Nickel Plated Brass (can be added to any fitting)
V	Viton O-Ring(s) (can be added to any fitting)

TUBE SIZE	
Metric	
4	4mm
6	6mm
8	8mm
10	10mm
12	12mm

TUBE SIZE	
Fractional	
<b>2</b>	1/8"
<b>5/32</b>	5/32"
<b>4</b>	1/4"
<b>6</b>	3/8"
<b>8</b>	1/2"
<b>10</b>	5/8"
<b>12</b>	3/4"

BSPP PIPE THREADS	
Fractional	
<b>0G</b>	M5
<b>2G</b>	1/8" BSPP
<b>4G</b>	1/4" BSPP
<b>6G</b>	3/8" BSPP
<b>8G</b>	1/2" BSPP
THREAD (O-Ring Seal)	
Metric	
<b>M12</b>	M12 x 1.5
<b>M16</b>	M16 x 1.5
<b>M22</b>	M22 x 1.5

THREAD NPT	
Fractional	
<b>0</b>	10/32"
<b>2</b>	1/8"
<b>4</b>	1/4"
<b>6</b>	3/8"
<b>8</b>	1/2"
<b>12</b>	3/4"

THREAD BSPT	
Fractional	
<b>2R</b>	1/8"
<b>4R</b>	1/4"
<b>6R</b>	3/8"
<b>8R</b>	1/2"

Use this chart as a guide when placing your order for any series Fittings.

1. Choose Fractional (AQ), Metric (MAQ), Extreme (XQ), Composite (PAQ) or our Poly Type (AP) series configurations.
2. Choose the **Shape** of the configuration from available listing.
3. Choose the **Style** of the configuration.
4. Choose the **Tube Size** based on Fractional or Metric measurements of the configuration.
5. Choose the **Thread Size** based on Fractional or Metric measurements of the configuration.



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FAMILY OF BRANDS

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HYDRAULICS & PNEUMATICS

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PRODUCTS