ALKON CORPORATION

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.

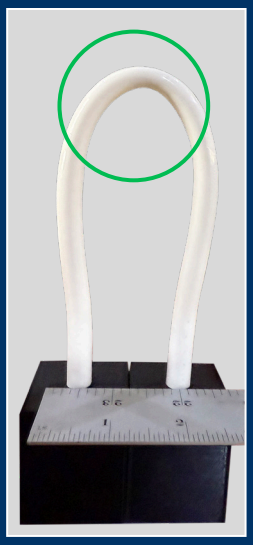
Versatile Tubing Options

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

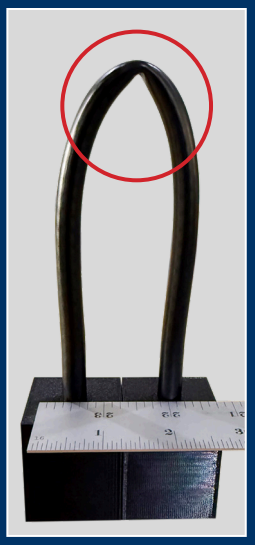
Proven DOT Performance, Backed by Rigorous Testing

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.

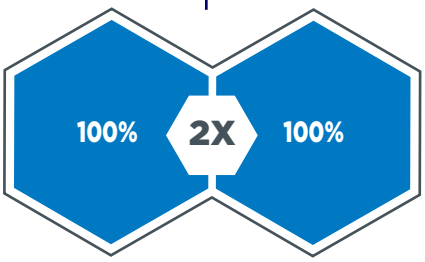


Alkon DuraLink™
No Kinking!

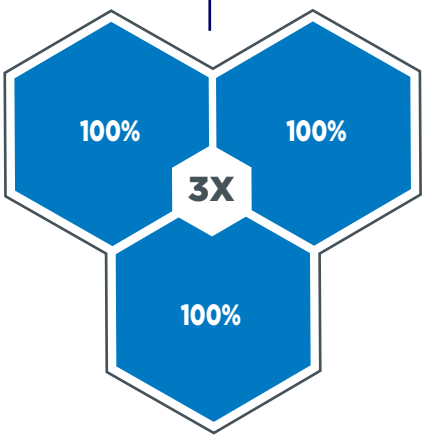


The Other Guys

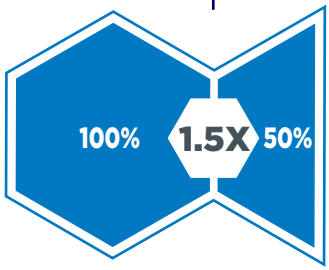
Alkon DuraLink products have 2 times the tensile loading as required by SAE.

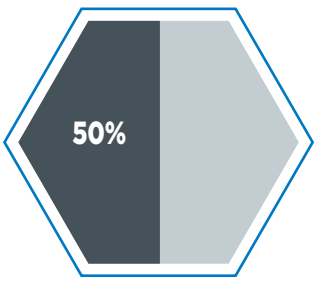


Alkon DuraLink products have 3 times the required elongation.

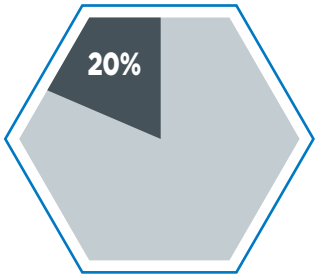


Using DuraLink™ tubing increases the performance of competitor fittings by 1.5 times.





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



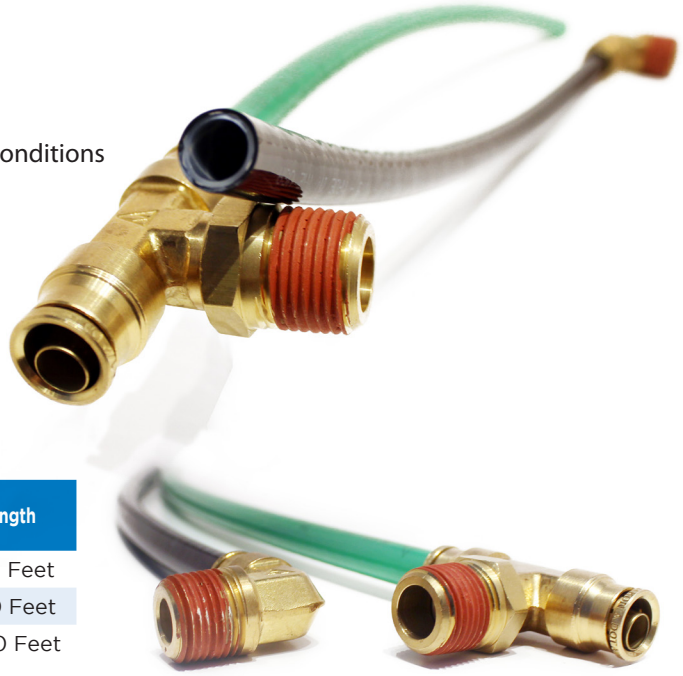
Domestic and import fittings and tubing exhibit 20% of the DuraLink elongation performance and FAIL TO MEET SAE STANDARDS!

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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

Tube Size Code	Tube O.D.
5/32	5/32”
04	1/4”
06	3/8”
08	1/2”
10	5/8”
12	3/4”

COLOR

Tube Color Code	Color
BL	Black
BLU	Blue
GN	Green
GY	Grey
O	Orange
PU	Purple
R	Red
WH	White
Y	Yellow

LENGTH

Tube Length Code	Length
250	250 Feet
500	500 Feet
1000	1000 Feet

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			

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ALKON FITTINGS

ORDERING GUIDE

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

SAFETY ★ Trusted Performance ★ INTEGRITY ★ TRUST

Shape Configuration

	SHAPE	–	STYLES	–	TUBE SIZE	X	THREAD
FRACTIONAL **AQ**		–		–		X	
METRIC **MAQ**		–		–		X	
EXTREME **XQ**		–		–		X	
COMPOSITE **PAQ**		–		–		X	
POLY TYPE **AP**		–		–		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 *Fractional*	
2	1/8"
5/32	5/32"
4	1/4"
6	3/8"
8	1/2"
10	5/8"
12	3/4"

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

BSPP PIPE THREADS	
0G	M5
2G	1/8" BSPP
4G	1/4" BSPP
6G	3/8" BSPP
8G	1/2" BSPP

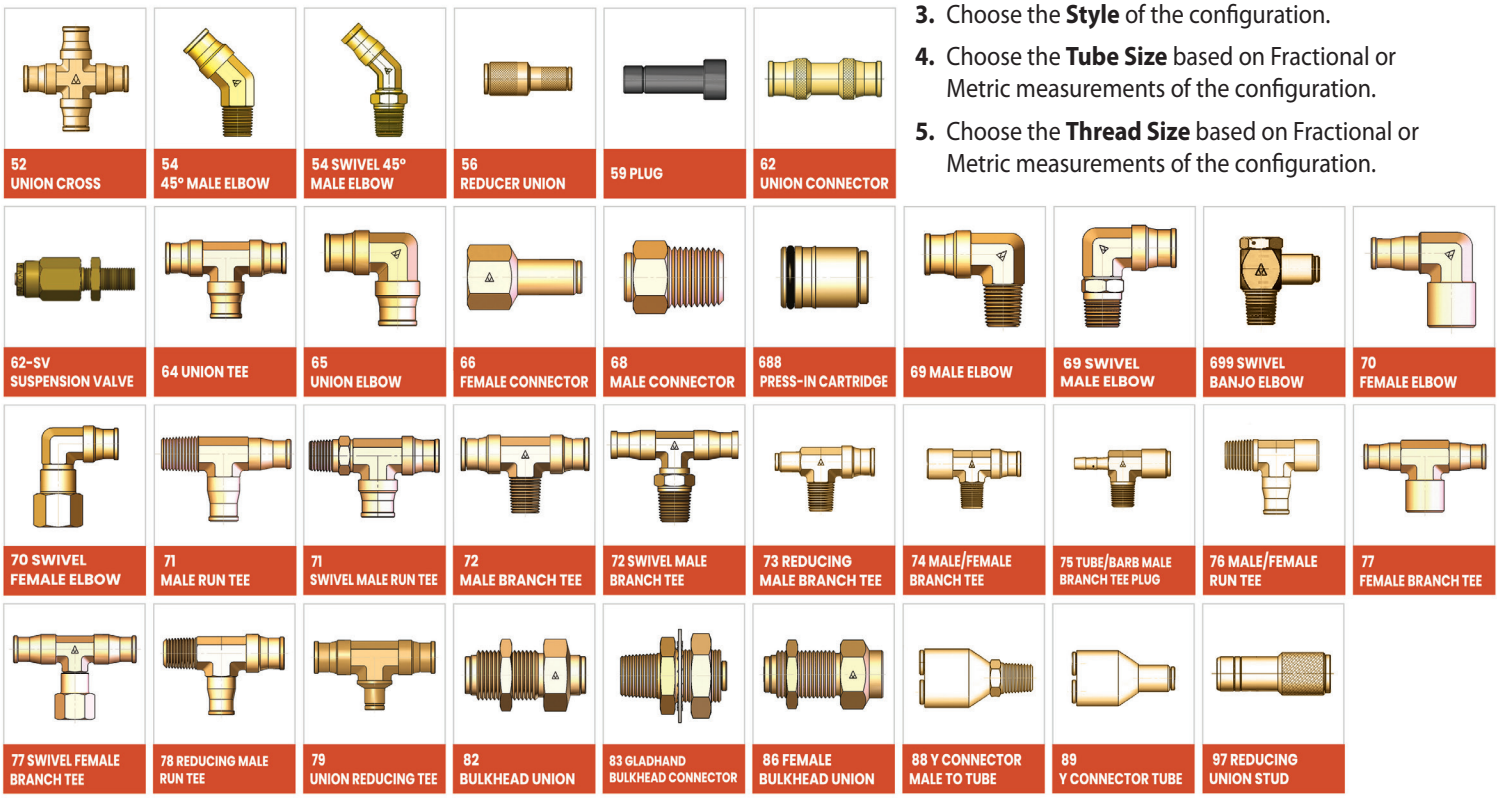
THREAD (O-Ring Seal) *Metric*	
M12	M12 x 1.5
M16	M16 x 1.5
M22	M22 x 1.5

THREAD NPT *Fractional*	
0	10/32"
2	1/8"
4	1/4"
6	3/8"
8	1/2"
12	3/4"

THREAD BSPT *Fractional*	
2R	1/8"
4R	1/4"
6R	3/8"
8R	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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