

PA12 AIR BRAKE J844 Type A Tubing

- SAE J844 TYPE A STANDARD
- BURST PRESSURE FROM 55 TO 97 BAR
- CREATED FOR TRAILER BRAKING SYSTEMS



AUTOMOTIVE



LOW PRESSURE



AIR

TECHNICAL FEATURES

Metric

										
Code	inch	mm	mm	mm	bar	bar	mm	g/m	Color available	m
TA1-8*40	1/8"	3.18 ±0.08	2.02	0.58 ±0.08	23	70	9.4	4.9	B-N-R-G	100
TA5-32*40	5/32"	4.00 ±0.08	2.38	0.81 ±0.08	28	84	12.7	8.4	B-N-R-G	100
TA3-16*40	3/16"	4.75 ±0.08	2.97	0.89 ±0.08	28	84	19.1	11.1	B-N-R-G	100
TA1-4*40	1/4"	6.35 ±0.08	4.35	1.00 ±0.08	28	84	25.4	17.3	B-N-R-G	100
TA5-16*40	5/16"	8.00 ±0.10	6.00	1.00 ±0.10	23	70	32.0	22.7	B-N-R-G	100
TA3-8J844*40 ⁽¹⁾	3/8"	9.53 ±0.10	6.39	1.57 ±0.10	32	97	52.0	40.0	B-N-R-G	100
TA1-2J844*40 ⁽¹⁾	1/2"	12.70 ±0.13	9.56	1.57 ±0.10	22	66	65.0	56.0	B-N-R-G	100
TA5-8J844*40 ⁽¹⁾	5/8"	15.88 ±0.13	11.20	2.34 ±0.13	20	62	80.0	102.5	B-N-R-G	100
TA3-4J844*40 ⁽¹⁾	3/4"	19.05 ±0.13	14.37	2.34 ±0.13	18	55	150.0	126.3	B-N-R-G	100

N : Black

R : Red

G : Yellow

B : Blue

The ZEC air brake series hoses and tubing have been created for use in the air brake systems of truck and motor vehicles in general. The tubing and hoses comply with the norm **SAE J844:2004**. According to this norm, the non-reinforced tubing are designed with "**type A**" designation and the reinforced hose with "**type B**".

TECHNICAL FEATURES

Technical-constructive features:

Single wall extrusion made of 100% virgin PA12 stabilized against UV rays.

Working temperature:

From -40°C to +80°C (From -40°F to +176°F).

Specifications:

SAE J844 type A,EU Regulations REACH (2006/1097/EC) and RoHS 2 (2011/65/EU).

(1) Measure exceeding SAE J844.

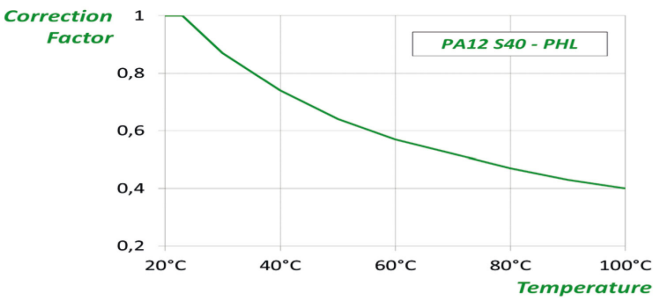
Color available:

Black, Blue, Red and Yellow. The Black tube is the most suitable for outdoor application.

N.B. In the code there is an *, this must be replaced with the color code of the tube: BLACK (N), BLUE (B), RED (R) or YELLOW (G).

Example: Tube 1/4" SAE J844 A black – code TA1-4N40.

PRESSURE CORRECTION FACTOR ACCORDING TO TEMPERATURE



TECHNICAL FEATURES OF POLYAMIDE

General Properties	Standard	U.M.	Value
Density	ISO R 1183D	g/cm3	1.03
Hardness	ISO 868	Shore D	65
Tensile stress at break	ISO R527	MPa	50
Elongation at break	ISO R527	%	300
Tensile strength modulus	ISO R527	MPa	400
Bending modulus	ISO 178	MPa	400
Charpy impact Unnotched 23°C Unnotched -30°C Notched 23°C Notched -30°C	ISO 179	kJ/m2	>100 >100 NC 7
Heat deflection temperature with 0.46 MPa with 1.85 MPa	ISO 75	°C	125 46
Melting point	ISO11357	°C	168-174

OPTIONAL

 Color



Packing



Long Length

NORMATIVE

SAE J844-A

For any further information about the optional items, please contact the sales office ()