



Specification Sheet

Pneumatic Fittings

Performance Data

Temperature Range	Operating Pressure	Media
-20° to 160° F -28° to 71° C	Vacuum to 125 psi	Fluids compatible w/ seals

When design makes data critical- contact factory for confirmation. All published information is based on usual manufacturing standards and product applications and is for general reference purposes. Supplied information is in no way a representation of a warranty for product.

Flow Rate- Typical

Standard Double Barb

Barb Size	Tube ID (PUR)	C _v	Flow Rate (scfm)	
			50 psi	125 psi
062	1/16	0.06	1.8	4.0
110	5/64 or 2.4mm	0.20	5.2	12.0
140	1/8	0.20	5.2	12.0
170 O-ring	.170	0.28	7.3	16.5
170 Tapered	.170	0.40	10.5	23.5

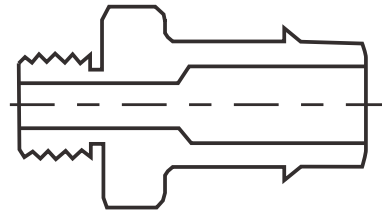
Pneu-Edge® (single-barb design)

Barb Size	Tube ID (PUR)	C _v	Flow Rate (scfm)	
			50 psi	125 psi
10	1/16	0.08	2.4	5.5
20	5/64	0.09	2.8	6.8
25	3/32	0.18	5.0	12.0
30	1/8	0.24	6.0	14.5
35	5/32	0.31	7.8	19.0
40	.170	0.48	11.5	27.0
50	3/16	0.60	14.0	33.0
60	1/4	1.07	22.0	52.0
70	5/16	1.62	35.0	82.0
80	3/8	3.40	59.0	140.0

Flow Rate- Atypical

Pneu-Edge® fittings ease installation by offering larger barbs on miniature threads. This configuration lowers the rate of flow. Please refer to the listing below for atypical dimensions and data.

Barb ID does not necessarily determine flow rate



Part Number	Tube ID (PUR)	Cv	Flow Rate (scfm) psi		Part Number	Tube ID (PUR)	Cv	Flow Rate (scfm) psi	
			50	125				50	125
EB35	5/32	.28	7.3	16.5	ELB40-M3	.170	.06	1.8	4.0
EB40	.170	.28	7.3	16.5	ELB40-M5	.170	.28	7.3	16.5
EB50	3/16	.28	7.3	16.5	ELB50-M6	3/16	.48	11.5	27.0
EB60	1/4	.28	7.3	16.5	EA-LB40	.170	.40	10.5	23.5
EB40-250	.170	.28	7.3	16.5	EA-LB50	3/16	.40	10.5	23.5
EB40-4-28	.170	.48	11.5	27.0	EA-LB40-SLOT	.170	.40	10.5	23.5
EB50-4-28	3/16	.48	11.5	27.0	EA-LB50-SLOT	3/16	.40	10.5	23.5
EB60-4-28	1/4	.48	11.5	27.0	ETB35	5/32	.28	7.3	16.5
EB10-M3	1/16	.06	1.8	4.0	ETB40	.170	.28	7.3	16.5
EB20-M3	.078	.06	1.8	4.0	ET50-4-28	3/16	.48	11.5	27.0
EB25-M3	3/32	.06	1.8	4.0	ET10-M3	1/16	.06	1.8	4.0
EB30-M3	1/8	.06	1.8	4.0	ET20-M3	.078	.06	1.8	4.0
EB40-M3	.170	.06	1.8	4.0	ET25-M3	3/32	.06	1.8	4.0
EB40-M5	.170	.28	7.3	16.5	ET30-M3	1/8	.06	1.8	4.0
ELB35	5/32	.28	7.3	16.5	ET40-M3	.170	.06	1.8	4.0
ELB40	.170	.28	7.3	16.5	ET40-M5	.170	.28	7.3	16.5
ELB50-4-28	3/16	.48	11.5	27.0	ET50-M6	3/16	.48	11.5	27.0
ELB10-M3	1/16	.06	1.8	4.0	EA-T40	.170	.40	10.5	23.5
ELB20-M3	.078	.06	1.8	4.0	EA-T50	3/16	.40	10.5	23.5
ELB25-M3	3/32	.06	1.8	4.0	EA-T40-SLOT	.170	.40	10.5	23.5
ELB30-M3	1/8	.06	1.8	4.0	EA-T50-SLOT	3/16	.40	10.5	23.5

Additional Recommendation: Pneu-Edge fittings ensure permanent polyurethane tubing installation without the need for clamps. However, we recommend the use of clamps in applications over 80 psi which also involve heat or vibration.

- All Flow Rates are approximate

Materials

Pneu-Edge
Brass with Electroless Nickel Plating Buna-N Seals
303 Stainless Steel

O-ring Seal Fittings
Brass with Electroless Nickel plating, Stainless Steel 303 passivated, Buna-N Seals

Tapered Thread Fittings
Brass

Barb-to-Barb Fittings
Brass with Electroless Nickel Plating

Push-to-Connect Fittings
Brass with Electroless Nickel Plating, Acetal Resin, Stainless Steel, NBR or 316L Stainless Steel, 301 Stainless Steel, FPM/FKM

Push-to-Connect Straight Connector
Brass with Electroless Nickel Plating, Acetal, Buna-N Seals