

Pneufit® C Composite and Pneufit® M Fittings Inch Ø 1/8" to 1/2" O/D Tube

- Ready to use.
- Releasable stainless-steel grab-ring to grip nylon or polyurethane tube (85 or 95 durometer).
- Nickel plated brass components.
- Pre applied thread sealant on all taper threads and recessed captive O-ring on parallel threads.
- Internal and external hexagons on straight fittings.
- Mounting holes on all union fittings.

Technical data

Medium:
Compressed air

Operating pressure:
29.5" Hg vacuum up to 150 psi
(750 mm Hg to 10 bar)

Temperature:
32°F to 140°F (0°C to 60°C)

Tube types
Nylon 11 or 12
Polyurethane 85 or 95 durometer

Materials:
Body: PBT
Seals: NBR (silicone free)
u-packaging and O-rings
Threaded bodies:
nickel plated brass
Grab-ring: 301 stainless steel
Collar: nickel plated brass
Release sleeve and backing ring: POM
Thread sealant: Chemitech G-175L



Straight adapter
(external + internal hex)

Part Number	Tube O.D.	NPT or UNF Thread
C24250210	5/32	10/32 UNF
C24250218	5/32	1/8
C24250228	5/32	1/4
C24250238	5/32	3/8
C24250310	3/16	10/32 UNF
C24250318	3/16	1/8
C24250328	3/16	1/4
C24250338	3/16	3/8
C24250410	1/4	10/32 UNF
C24250418	1/4	1/8
C24250428	1/4	1/4
C24250438	1/4	3/8
C24250448	1/4	1/2
C24250518	5/16	1/8
C24250528	5/16	1/4
C24250538	5/16	3/8
C24250548	5/16	1/2
C24250618	3/8	1/8
C24250628	3/8	1/4
C24250638	3/8	3/8
C24250648	3/8	1/2
C24250718	1/2	1/8
C24250728	1/2	1/4
C24250738	1/2	3/8
C24250748	1/2	1/2



Straight adapter
(internal hex only)

Part Number	Tube O.D.	NPT or UNF Thread
C242A0210	5/32	10/32 UNF
C242A0218	5/32	1/8
C242A0228	5/32	1/4
C242A0310	3/16	10/32 UNF
C242A0318	3/16	1/8
C242A0328	3/16	1/4
C242A0410	1/4	10/32 UNF
C242A0418	1/4	1/8
C242A0428	1/4	1/4
C242A0518	5/16	1/8
C242A0528	5/16	1/4
C242A0538	5/16	3/8
C242A0618	3/8	1/8
C242A0628	3/8	1/4
C242A0638	3/8	3/8
C242A0648	3/8	1/2
C242A0728	1/2	1/4
C242A0738	1/2	3/8
C242A0748	3/8	1/2



Straight adapter
(female thread)

Part Number	Tube O.D.	NPT Thread
C24260218	5/32	1/8
C24260228	5/32	1/4
C24260318	3/16	1/8
C24260328	3/16	1/4
C24260418	1/4	1/8
C24260428	1/4	1/4
C24260438	1/4	3/8
C24260518	5/16	1/8
C24260528	5/16	1/4
C24260538	5/16	3/8
C24260548	5/16	1/2
C24260618	3/8	1/8
C24260628	3/8	1/4
C24260638	3/8	3/8
C24260648	3/8	1/2
C24260728	1/2	1/4
C24260738	1/2	3/8



Female bulkhead

Part Number	Tube O.D.	NPT Thread
C24320218	5/32	1/8
C24320418	1/4	1/8
C24320428	1/4	1/4
C24320628	3/8	1/4
C24320638	3/8	3/8
C24320728	1/2	1/4
C24320738	1/2	3/8
C24320748	1/2	1/2

Composite and Pneufit® M Fittings Inch Ø 1/8" to 1/2" O/D Tube



90° Swivel elbow

Part Number	Tube O.D.	NPT or UNF Thread
C24470210	5/32	10/32 UNF
C24470218	5/32	1/8
C24470228	5/32	1/4
C24470310	3/16	10/32 UNF
C24470318	3/16	1/8
C24470328	3/16	1/4
C24470338	3/16	3/8
C24470410	1/4	10/32 UNF
C24470418	1/4	1/8
C24470428	1/4	1/4
C24470438	1/4	3/8
C24470518	5/16	1/8
C24470528	5/16	1/4
C24470538	5/16	3/8
C24470548	5/16	1/2
C24470618	3/8	1/8
C24470628	3/8	1/4
C24470638	3/8	3/8
C24470648	3/8	1/2
C24470728	1/2	1/4
C24470738	1/2	3/8
C24470748	1/2	1/2



90° Swivel elbow adapter (female)

Part Number	Tube O.D.	NPT or UNF Thread
C24480210	5/32	10/32 UNF
C24480218	5/32	1/8
C24480228	5/32	1/4
C24480310	3/16	10/32 UNF
C24480318	3/16	1/8
C24480328	3/16	1/4
C24480410	1/4	10/32 UNF
C24480418	1/4	1/8
C24480428	1/4	1/4
C24480438	1/4	3/8
C24480518	5/16	1/8
C24480528	5/16	1/4
C24480538	5/16	3/8
C24480628	3/8	1/4
C24480638	3/8	3/8
C24480648	3/8	1/2
C24480738	1/2	3/8
C24480748	1/2	1/2



Swivel tee adapter

Part Number	Tube O.D.	NPT or UNF Thread
C24670210	5/32	10/32 UNF
C24670218	5/32	1/8
C24670228	5/32	1/4
C24670310	3/16	10/32 UNF
C24670318	3/16	1/8
C24670328	3/16	1/4
C24670338	3/16	3/8
C24670410	1/4	10/32 UNF
C24670418	1/4	1/8
C24670428	1/4	1/4
C24670438	1/4	3/8
C24670518	5/16	1/8
C24670528	5/16	1/4
C24670538	5/16	3/8
C24670548	5/16	1/2
C24670618	3/8	1/8
C24670628	3/8	1/4
C24670638	3/8	3/8
C24670648	3/8	1/2
C24670728	1/2	1/4
C24670738	1/2	3/8
C24670748	1/2	1/2



90° Swivel elbow adapter (extended)

Part Number	Tube O.D.	NPT or UNF Thread
C24540210	5/32	10/32 UNF
C24540218	5/32	1/8
C24540228	5/32	1/4
C24540318	3/16	1/8
C24540328	3/16	1/4
C24540338	3/16	3/8
C24540410	1/4	10/32 UNF
C24540418	1/4	1/8
C24540428	1/4	1/4
C24540438	1/4	3/8
C24540518	5/16	1/8
C24540528	5/16	1/4
C24540538	5/16	3/8
C24540618	3/8	1/8
C24540628	3/8	1/4
C24540638	3/8	3/8
C24540648	3/8	1/2
C24540728	1/2	1/4
C24540738	1/2	3/8
C24540748	1/2	1/2



Swivel Y adapter

Part Number	Tube O.D.	NPT or UNF Thread
C24880210	5/32	10/32 UNF
C24880218	5/32	1/8
C24880228	5/32	1/4
C24880310	3/16	10/32 UNF
C24880318	3/16	1/8
C24880328	3/16	1/4
C24880338	3/16	3/8
C24880410	1/4	10/32 UNF
C24880418	1/4	1/8
C24880428	1/4	1/4
C24880438	1/4	3/8
C24880518	5/16	1/8
C24880528	5/16	1/4
C24880538	5/16	3/8
C24880548	5/16	1/2
C24880618	3/8	1/8
C24880628	3/8	1/4
C24880638	3/8	3/8
C24880648	3/8	1/2
C24880728	1/2	1/4
C24880738	1/2	3/8
C24880748	1/2	1/2



Swivel side tee adapter

Part Number	Tube O.D.	NPT or UNF Thread
C24680210	5/32	10/32 UNF
C24680218	5/32	1/8
C24680228	5/32	1/4
C24680310	3/16	10/32 UNF
C24680318	3/16	1/8
C24680328	3/16	1/4
C24680338	3/16	3/8
C24680410	1/4	10/32 UNF
C24680418	1/4	1/8
C24680428	1/4	1/4
C24680438	1/4	3/8
C24680518	5/16	1/8
C24680528	5/16	1/4
C24680538	5/16	3/8
C24680548	5/16	1/2
C24680618	3/8	1/8
C24680628	3/8	1/4
C24680638	3/8	3/8
C24680648	3/8	1/2
C24680728	1/2	1/4
C24680738	1/2	3/8
C24680748	1/2	1/2

Pneufit® C Push-in Fittings / Inch Ø 1/8" to 1/2" O/D Tube



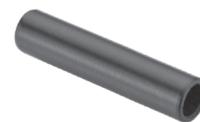
Swivel tee adapter

Part Number	Tube O.D.	NPT or UNF Thrd
C246C0218	5/32	1/8
C246C0318	3/16	1/8
C246C0328	3/16	1/4
C246C0418	1/4	1/8
C246C0428	1/4	1/4 UNF
C246C0518	5/16	1/8
C246C0528	5/16	1/4
C246C0538	5/16	3/8
C246C0628	3/8	1/4
C246C0638	3/8	3/8
C246C0738	1/2	3/8
C246C0748	1/2	1/2



Straight union

Part Number	Tube O.D.
C20200200	5/32
C20200300	3/16
C20200400	1/4
C20200500	5/16
C20200600	3/8
C20200700	1/2



Stem union

Part Number	Stem O.D.
C20220200	5/32
C20220300	3/16
C20220400	1/4
C20220500	5/16
C20220600	3/8
C20220700	1/2



Bulkhead union

Part Number	Tube O.D.	Metric Thread
C20290200	5/32	M12*1.0p
C20290300	3/16	M14*1.0p
C20290400	1/4	M14*1.0p
C20290500	5/16	M16*1.0p
C20290600	3/8	M20*1.0p
C20290700	1/2	M22*1.0p



Stem Union (unequal)

Part Number	Large Stem O.D.	Small Stem O.D.
C20220302	3/16	5/32
C20220402	1/4	5/32
C20220403	1/4	3/16
C20220504	5/16	1/4
C20220604	3/8	1/4
C20220605	3/8	5/16
C20220706	1/2	3/8



Banjo

Part	Tube O.D.	NPT or UNF Thread
C2R510210	5/32	10/32 UNF
C2R510218	5/32	1/8
C2R510410	1/4	10/32 UNF
C2R510418	1/4	1/8
C2R510428	1/4	1/4
C2R510518	5/16	1/8
C2R510528	5/16	1/4
C2R510628	3/8	1/4
C2R510638	3/8	3/8
C2R510648	3/8	1/2
C2R510738	1/2	3/8
C2R510748	1/2	1/2



Cap (female plug)

Part Number	Tube O.D.
C20120200	5/32
C20120300	3/16
C20120400	1/4
C20120500	5/16
C20120600	3/8
C20120700	1/2



Plug

Part Number	Stem O.D.
C00040400	5/32
C20040300	3/16
C20040400	1/4
C20040600	3/8
C20040700	1/2



Banjo with top port

Part Number	Tube O.D.	NPT or UNF Thread
C2E510218	5/32	1/8
C2D510410	1/4	10/32 UNF
C2E510418	1/4	1/8
C2F510428	1/4	1/4
C2F510528	5/16	1/4
C2F510628	3/8	1/4
C2G510638	3/8	3/8
C2G510738	1/2	3/8



Stem tee

Part Number	Tube O.D.	Stem O.D.
C20630200	5/32	5/32
C20630300	3/16	3/16
C20630400	1/4	1/4
C20630500	5/16	5/16
C20630600	3/8	3/8
C20630700	1/2	1/2



Union cross

Part Number	Tube O.D.
C20900200	5/32
C20900300	3/16
C20900400	1/4
C20900500	5/16
C20900600	3/8
C20900700	1/2

Pneufit® C Push-in Fittings / Inch Ø 1/8" to 1/2" O/D Tube



Union elbow

Part Number	Tube O.D.
C20400200	5/32
C20400300	3/16
C20400400	1/4
C20400500	5/16
C20400600	3/8
C20400700	1/2



Stem side tee

Part Number	Tube O.D.	Stem O.D.
C20640200	5/32	5/32
C20640300	3/16	3/16
C20640400	1/4	1/4
C20640500	5/16	5/16
C20640600	3/8	3/8
C20640700	1/2	1/2



Union Tee (unequal)

Part Number	Large Tube O.D.	Small Tube O.D.
C206A0402	1/4	5/32
C206A0504	5/16	1/4
C206A0604	3/8	1/4
C206A0605	3/8	5/16
C206A0704	1/2	1/4
C206A0706	1/2	3/8



Straight Union (unequal)

Part Number	Large Tube O.D.	Small Tube O.D.
C20200302	3/16	5/32
C20200402	1/4	5/32
C20200403	1/4	3/16
C20200504	5/16	1/4
C20200604	3/8	1/4
C20200605	3/8	5/16
C20200706	1/2	3/8



Stem elbow

Part Number	Tube O.D.	Stem O.D.
C20430200	5/32	5/32
C20430300	3/16	3/16
C20430400	1/4	1/4
C20430500	5/16	5/16
C20430600	3/8	3/8
C20430700	1/2	1/2



Union Y

Part Number	Tube O.D.
C20820200	5/32
C20820300	3/16
C20820400	1/4
C20820500	5/16
C20820600	3/8
C20820700	1/2



Stem Side Tee (unequal)

Part Number	Tube O.D.	Stem O.D.
C20640402	1/4	5/32
C20640504	5/16	1/4
C20640604	3/8	1/4
C20640605	3/8	5/16



Stem Reducer (stem/tube)

Part Number	Tube O.D.	Stem O.D.
C20230402	1/4	5/32
C20230504	5/16	1/4
C20230604	3/8	1/4
C20230605	3/8	5/16
C20230704	1/2	1/4
C20230706	1/2	3/8



Union tee

Part Number	Tube O.D.
C20600200	5/32
C20600300	3/16
C20600400	1/4
C20600500	5/16
C20600600	3/8
C20600700	1/2



Stem Y

Part Number	Stem O.D.	Tube O.D.
C20840202	5/32	5/32
C20840300	3/16	3/16
C20840404	1/4	1/4
C20840505	5/16	5/16
C20840600	3/8	3/8
C20840700	1/2	1/2



Stem Y (unequal)

Part number	Stem O.D.	Tube O.D.
C20840402	1/4	5/32
C20840504	5/16	1/4
C20840604	3/8	1/4
C20840605	3/8	5/16



Union Y (unequal)

Part Number	Large Tube O.D.	Small Tube O.D.
C20820302	3/16	5/32
C20820402	1/4	5/32
C20820403	1/4	3/16
C20820504	5/16	1/4
C20820604	3/8	1/4
C20820605	3/8	5/16
C20820706	1/2	3/8



Tube to tube shut-off valve

Part Number	Tube O.D.
C20GF0400	1/4
C20GF0500	5/16
C20GF0600	3/8
C20GF0700	1/2



Tube to thread shut-off valve

Part Number	Tube O.D.	Thread NPT
C24GH0418	1/4	1/8
C24GH0428	1/4	1/4
C24GH0438	1/4	3/8
C24GH0628	3/8	1/4
C24GH0638	3/8	3/8



Thread to tube shut-off valve

Part Number	Tube O.D.	Thread NPT
C24GJ0428	1/4	1/4
C24GJ0628	3/8	1/4
C24GJ0438	1/4	3/8
C24GJ0638	3/8	3/8
C24GJ0748	1/2	1/2

Pneufit® Push-in Elbow

Banjo Flow Controls 1/8" to 1/2" O/D Tube

- High maximum flow, progressive flow gain, and positive tube grip
- Silicone free 'O'-ring seals
- Easy tube insertion for rapid assembly
- For simple and quick assembly of pneumatic circuits
- Wide range available
- Reliable and corrosion resistant

Technical data

Fluid:

Compressed air

Operating pressure:

5 to 150 psig (.3 to 10 bar) unless otherwise stated (dependent upon tubing specification).

Temperature range:

0° to 175°F (-20° to 80°C).

Tube types:

Nylon 11 or 12, polyurethane (95 durometer and 85 durometer on C0 and C2 models)

Materials:

Body: Nickel plated brass, glass filled nylon, or PBT
Collet: Nickel plated brass
Grabring: stainless steel
'O'-ring: Silicone free nitrile rubber
Sealing washer (parallel threads): Nitrile 'O'-ring
Thread sealant: non-PTFE



C2VA0 Banjo Flow Control (Regulating out)



Part Number	Tube O.D.	NPT or UNF Thread
C2VA00110	1/8	10/32 UNF
C2VA00210	5/32	10/32 UNF
C2VA00310	3/16	10/32 UNF
C2VA00410	1/4	10/32 UNF
C2VA00218	5/32	1/8
C2VA00318	3/16	1/8
C2VA00418	1/4	1/8
C2VA00518	5/16	1/8
C2VA00228	5/32	1/4
C2VA00328	3/16	1/4
C2VA00338	3/16	3/8
C2VA00428	1/4	1/4
C2VA00528	5/16	1/4
C2VA00628	3/8	1/4
C2VA00438	1/4	3/8
C2VA00538	5/16	3/8
C2VA00638	3/8	3/8
C2VA00738	1/2	3/8
C2VA00548	5/16	1/2
C2VA00648	3/8	1/2
C2VA00748	1/2	1/2
C0SA00418	4mm	R 1/8
C0SA00618	6mm	R 1/8
C0SA00818	8mm	R 1/8
C0SA00628	6mm	R 1/4
C0SA00828	8mm	R 1/4

C2WA0 Banjo Flow Control (Regulating in)

Part Number	Tube O.D.	NPT or UNF Thread
C2WA00110	1/8	10/32 UNF
C2WA00210	5/32	10/32 UNF
C2WA00410	1/4	10/32 UNF
C2WA00218	5/32	1/8
C2WA00318	3/16	1/8
C2WA00418	1/4	1/8
C2WA00518	5/16	1/8
C2WA00228	5/32	1/4
C2WA00328	3/16	1/4
C2WA00428	1/4	1/4
C2WA00528	5/16	1/4
C2WA00628	3/8	1/4
C2WA00438	1/4	3/8
C2WA00638	3/8	3/8
C2WA00738	1/2	1/2
C2WA00648	3/8	1/2
C2WA00748	1/2	1/2



VA0 Series

Elbow flow control - hand adjustment NPT thread to NPTF thread (aluminum body) 12VA0

Part Number	Tube O.D.	NPT or UNF Thread
12VA01818	1/8 NPTF	1/8 NPTF
12VA02828	1/4 NPTF	1/4 NPTF
12VA03838	3/8 NPTF	3/8 NPTF
12VA04848	1/2 NPTF	1/2 NPTF



VB0 Series

Banjo flow control - screw driver adjustment NPTF thread to NPT thread 12VB0

Part Number	NPT Female	NPT Male
12VB01818	1/8 NPTF	1/8 NPT
12VB02828	1/4 NPTF	1/4 NPT
12VB04848	3/8 NPTF	3/8 NPT



VB0 Series

Banjo flow control - screw driver adjustment Inch O/D tube to NPT thread 12VB0

Part Number	Tube O.D.	NPT or UNF Thread
12VB00418	1/4	1/8 NPTF
12VB00428	1/4	1/4 NPTF
12VB00628	3/8	1/4 NPTF
12VB00638	3/8	3/8 NPTF

Push-in Non-return Valves C20G Series, Ø 5/32" to 3/8" O/D Tube

- High flow performance
- Immediate quality sealing using silicone free U-packing.

C20G and C00G

PIF/PIF Part Number	Function
C20GL0200	tube/tube
C20GL0400	tube/tube
C20GL0500	tube/tube
C20GL0600	tube/tube
C00GL0400	tube/tube
C00GL0600	tube/tube
C00GL0800	tube/tube

* Available only with collet tube connection

Technical data

Medium:
Compressed air

Operating pressure:
3 to 150 psig (.2 to 10 bar)

Fluid/Ambient temperature:
32°F to 140°F (0°C to 60°C)
Air supply must be dry enough to avoid ice formation at temperatures below 35°F

Tube size:
5/32, 1/4, 5/16, 3/8, 1/2 inch
Release buttons in grey
4, 6, 8 mm
Release buttons in red

Tubing type:
Nylon 11 or 12
Polyurethane 85, 95 or 98 durometer

Materials
Body: PBT,
tube Ø 3/8 & 1/2 inch,
10 & 12 mm aluminum
Seals: NBR (silicone free)
u-packing and O-rings
Grab-ring: stainless steel
Collar: ZNDC
Release sleeve and
backing ring: POM



In-line Flow Regulators, Uni-directional C20G Series, In-line - Ø 1/8 to 1/2" O/D Inch Tube

- High flow performance
- In-line or panel mounting
- Adjustment can be locked
- Captive regulator needle will not blow out when unscrewed
- Nickel plated brass components provide corrosion and contamination resistance and an extended life.
- Immediate quality sealing using silicone free U-packing.

Technical data

Medium:
Compressed air

Operating pressure:
150 psi (10 bar) max.

Fluid/Ambient temperature:
0°F to 140°F (-20°C to 60°C)
Air supply must be dry enough to avoid ice formation at temperatures below 35°F

Tube size:
5/32, 1/4, 5/16, 3/8, 1/2 inch
Release buttons in grey

Tubing types:
Nylon 11 or 12
Polyurethane 85, 95 or 98 durometer

Materials:
Body: PBT
Seals: NBR (silicone free)
u-packing and O-rings
Grab-ring: stainless steel
Collar: ZNDC
Release sleeve and
backing ring: POM



C20GE In-line flow control

Part Number	Ø (inch)
C20GE0200	5/32"
C20GE0400	1/4"
C20GE0500	5/16"
C20GE0600	3/8"
C20GE0700	1/2"

C20GP In-line and panel mount flow control

Part Number	Ø (inch)
C20GP0200	5/32"
C20GP0400	1/4"