

LF3000 Push-to-Connect Fittings | For Pneumatic and Vacuum Applications

Suitable fluids: compressed air
Body: glass reinforced nylon 6.6
Working temperature: -4° to 175° F
Working pressure: 230 psi maximum, vacuum of 28" Hg (pressure rating dependent on tubing material used)

3175

Male Connector
OD NPT
 1/8 1/8 3175 53 11
 1/8 1/4 3175 53 14
 5/32 1/4 3175 53 11
 5/32 1/4 3175 53 14
 3/8 1/8 3175 56 11
 3/8 1/4 3175 56 14
 1/4 1/8 3175 56 11
 1/4 1/4 3175 56 14
 5/16 1/4 3175 56 11
 5/16 1/4 3175 56 14
 3/8 3/8 3175 60 11
 3/8 1/2 3175 60 14
 1/2 1/4 3175 60 11
 1/2 3/8 3175 62 11
 1/2 1/2 3175 62 11

Male Connector
OD UNF
 1/8 10-32 3171 53 20
 1/4 10-32 3171 56 20
 1/4 M5 3181 56 55
 1/4 M7 3181 56 55

OD BSPT
 4 R1/8 3175 04 10
 4 R1/4 3175 04 13
 6 R1/8 3175 06 10
 6 R1/4 3175 06 13
 8 R1/8 3175 08 10
 8 R1/4 3175 08 13
 8 R3/8 3175 08 17
 8 R1/2 3175 08 21
 10 R1/8 3175 10 13
 10 R1/4 3175 10 17
 10 R3/8 3175 10 21
 10 R1/2 3175 10 25
 12 R1/8 3175 12 17

OD NPT
 4 1/8 3175 04 11
 4 1/4 3175 04 14
 6 1/8 3175 06 11
 6 1/4 3175 06 14
 8 1/8 3175 08 11
 8 1/4 3175 08 14
 8 R3/8 3175 08 17
 8 R1/2 3175 08 21
 10 1/8 3175 10 13
 10 1/4 3175 10 17
 10 3/8 3175 10 21
 10 1/2 3175 10 25
 12 3/8 3175 12 17

OD BSPT
 4 M5x0.8 3199 04 09
 4 G1/8 3199 04 10
 6 M5x0.8 3199 06 19
 6 M10x1 3199 06 20
 6 G1/8 3199 06 20
 6 G1/4 3199 06 23
 8 M12x1.5 3199 08 27
 8 G1/8 3199 08 28
 8 G3/8 3199 08 31
 8 G1/2 3199 08 35
 10 G1/4 3199 10 33
 10 G3/8 3199 10 37
 10 G1/2 3199 10 41
 12 G1/8 3199 12 37
 12 G1/4 3199 12 41
 12 G1/2 3199 12 45

OD NPT
 4 1/8 3199 04 11
 4 1/4 3199 04 14
 6 1/8 3199 06 11
 6 1/4 3199 06 14
 8 1/8 3199 08 11
 8 1/4 3199 08 14
 8 3/8 3199 08 17
 8 1/2 3199 08 21
 10 1/4 3199 10 13
 10 3/8 3199 10 17
 10 1/2 3199 10 21
 12 3/8 3199 12 17

OD BSPT
 4 R1/8 3199 04 10
 4 R1/4 3199 04 13
 6 R1/8 3199 06 10
 6 R1/4 3199 06 13
 8 R1/8 3199 08 10
 8 R1/4 3199 08 13
 8 R3/8 3199 08 17
 8 R1/2 3199 08 21
 10 R1/8 3199 10 13
 10 R1/4 3199 10 17
 10 R3/8 3199 10 21
 10 R1/2 3199 10 25
 12 R1/8 3199 12 17

OD NPT
 4 1/8 3199 04 11
 4 1/4 3199 04 14
 6 1/8 3199 06 11
 6 1/4 3199 06 14
 8 1/8 3199 08 11
 8 1/4 3199 08 14
 8 3/8 3199 08 17
 8 1/2 3199 08 21
 10 1/4 3199 10 13
 10 3/8 3199 10 17
 10 1/2 3199 10 21
 12 3/8 3199 12 17

3101

Male Connector
OD BSPP/Metric
 4 M5x0.8 3101 04 19
 4 G1/8 3101 04 20
 6 M5x0.8 3101 06 19
 6 G1/8 3101 06 20
 6 G1/4 3101 06 23
 8 M12x1.5 3101 08 27
 8 G1/8 3101 08 28
 8 G3/8 3101 08 31
 8 G1/2 3101 08 35
 10 G1/4 3101 10 33
 10 G3/8 3101 10 37
 10 G1/2 3101 10 41
 12 G1/8 3101 12 37
 12 G1/4 3101 12 41
 12 G1/2 3101 12 45

Male Branch Tee
OD NPT/UNF
 1/8 10-32 3108 53 20
 1/8 1/8 3108 53 11
 1/8 1/4 3108 53 14
 5/32 10-32 3108 53 20
 5/32 1/8 3108 53 11
 5/32 1/4 3108 53 14
 3/8 1/8 3108 56 11
 3/8 1/4 3108 56 14
 1/4 1/8 3108 56 11
 1/4 1/4 3108 56 14
 5/16 1/4 3108 56 11
 5/16 1/4 3108 56 14
 3/8 1/8 3108 60 11
 3/8 1/8 3108 60 14
 3/8 3/8 3108 60 11
 3/8 1/2 3108 60 14
 1/2 1/4 3108 62 14
 1/2 3/8 3108 62 18
 1/2 1/2 3108 62 22

OD BSPT
 4 R1/8 3108 04 10
 4 R1/4 3108 04 13
 6 R1/8 3108 06 10
 6 R1/4 3108 06 13
 8 R1/8 3108 08 10
 8 R1/4 3108 08 13
 8 R3/8 3108 08 17
 8 R1/2 3108 08 21
 10 R1/8 3108 10 13
 10 R1/4 3108 10 17
 10 R3/8 3108 10 21
 10 R1/2 3108 10 25
 12 R1/8 3108 12 17

OD NPT
 4 1/8 3108 04 11
 4 1/4 3108 04 14
 6 1/8 3108 06 11
 6 1/4 3108 06 14
 8 1/8 3108 08 11
 8 1/4 3108 08 14
 8 3/8 3108 08 17
 8 1/2 3108 08 21
 10 1/4 3108 10 13
 10 3/8 3108 10 17
 10 1/2 3108 10 21
 12 3/8 3108 12 17

OD BSPT
 4 M5x0.8 3199 04 09
 4 G1/8 3199 04 10
 6 M5x0.8 3199 06 19
 6 M10x1 3199 06 20
 6 G1/8 3199 06 20
 6 G1/4 3199 06 23
 8 M12x1.5 3199 08 27
 8 G1/8 3199 08 28
 8 G3/8 3199 08 31
 8 G1/2 3199 08 35
 10 G1/4 3199 10 33
 10 G3/8 3199 10 37
 10 G1/2 3199 10 41
 12 G1/8 3199 12 37
 12 G1/4 3199 12 41
 12 G1/2 3199 12 45

OD NPT
 4 1/8 3199 04 11
 4 1/4 3199 04 14
 6 1/8 3199 06 11
 6 1/4 3199 06 14
 8 1/8 3199 08 11
 8 1/4 3199 08 14
 8 3/8 3199 08 17
 8 1/2 3199 08 21
 10 1/4 3199 10 13
 10 3/8 3199 10 17
 10 1/2 3199 10 21
 12 3/8 3199 12 17

3109

Male Connector
OD BSPP/Metric
 4 M5x0.8 3109 04 19
 4 G1/8 3109 04 20
 6 M5x0.8 3109 06 19
 6 G1/8 3109 06 20
 6 G1/4 3109 06 23
 8 M12x1.5 3109 08 27
 8 G1/8 3109 08 28
 8 G3/8 3109 08 31
 8 G1/2 3109 08 35
 10 G1/4 3109 10 33
 10 G3/8 3109 10 37
 10 G1/2 3109 10 41
 12 G1/8 3109 12 37
 12 G1/4 3109 12 41
 12 G1/2 3109 12 45

Male Branch Tee
OD NPT/UNF
 1/8 10-32 3109 53 20
 1/8 1/8 3109 53 11
 1/8 1/4 3109 53 14
 5/32 10-32 3109 53 20
 5/32 1/8 3109 53 11
 5/32 1/4 3109 53 14
 3/8 1/8 3109 56 11
 3/8 1/4 3109 56 14
 1/4 1/8 3109 56 11
 1/4 1/4 3109 56 14
 5/16 1/4 3109 56 11
 5/16 1/4 3109 56 14
 3/8 1/8 3109 60 11
 3/8 1/8 3109 60 14
 3/8 3/8 3109 60 11
 3/8 1/2 3109 60 14
 1/2 1/4 3109 62 14
 1/2 3/8 3109 62 18
 1/2 1/2 3109 62 22

OD BSPT
 4 R1/8 3109 04 10
 4 R1/4 3109 04 13
 6 R1/8 3109 06 10
 6 R1/4 3109 06 13
 8 R1/8 3109 08 10
 8 R1/4 3109 08 13
 8 R3/8 3109 08 17
 8 R1/2 3109 08 21
 10 R1/8 3109 10 13
 10 R1/4 3109 10 17
 10 R3/8 3109 10 21
 10 R1/2 3109 10 25
 12 R1/8 3109 12 17

OD NPT
 4 1/8 3109 04 11
 4 1/4 3109 04 14
 6 1/8 3109 06 11
 6 1/4 3109 06 14
 8 1/8 3109 08 11
 8 1/4 3109 08 14
 8 3/8 3109 08 17
 8 1/2 3109 08 21
 10 1/4 3109 10 13
 10 3/8 3109 10 17
 10 1/2 3109 10 21
 12 3/8 3109 12 17

OD BSPT
 4 M5x0.8 3199 04 09
 4 G1/8 3199 04 10
 6 M5x0.8 3199 06 19
 6 M10x1 3199 06 20
 6 G1/8 3199 06 20
 6 G1/4 3199 06 23
 8 M12x1.5 3199 08 27
 8 G1/8 3199 08 28
 8 G3/8 3199 08 31
 8 G1/2 3199 08 35
 10 G1/4 3199 10 33
 10 G3/8 3199 10 37
 10 G1/2 3199 10 41
 12 G1/8 3199 12 37
 12 G1/4 3199 12 41
 12 G1/2 3199 12 45

OD NPT
 4 1/8 3109 04 11
 4 1/4 3109 04 14
 6 1/8 3109 06 11
 6 1/4 3109 06 14
 8 1/8 3109 08 11
 8 1/4 3109 08 14
 8 3/8 3109 08 17
 8 1/2 3109 08 21
 10 1/4 3109 10 13
 10 3/8 3109 10 17
 10 1/2 3109 10 21
 12 3/8 3109 12 17

3108

Male Connector
OD BSPP/Metric
 4 M5x0.8 3108 04 19
 4 G1/8 3108 04 20
 6 M5x0.8 3108 06 19
 6 G1/8 3108 06 20
 6 G1/4 3108 06 23
 8 M12x1.5 3108 08 27
 8 G1/8 3108 08 28
 8 G3/8 3108 08 31
 8 G1/2 3108 08 35
 10 G1/4 3108 10 33
 10 G3/8 3108 10 37
 10 G1/2 3108 10 41
 12 G1/8 3108 12 37
 12 G1/4 3108 12 41
 12 G1/2 3108 12 45

Male Branch Tee
OD NPT/UNF
 1/8 10-32 3108 53 20
 1/8 1/8 3108 53 11
 1/8 1/4 3108 53 14
 5/32 10-32 3108 53 20
 5/32 1/8 3108 53 11
 5/32 1/4 3108 53 14
 3/8 1/8 3108 56 11
 3/8 1/4 3108 56 14
 1/4 1/8 3108 56 11
 1/4 1/4 3108 56 14
 5/16 1/4 3108 56 11
 5/16 1/4 3108 56 14
 3/8 1/8 3108 60 11
 3/8 1/8 3108 60 14
 3/8 3/8 3108 60 11
 3/8 1/2 3108 60 14
 1/2 1/4 3108 62 14
 1/2 3/8 3108 62 18
 1/2 1/2 3108 62 22

OD BSPT
 4 R1/8 3108 04 10
 4 R1/4 3108 04 13
 6 R1/8 3108 06 10
 6 R1/4 3108 06 13
 8 R1/8 3108 08 10
 8 R1/4 3108 08 13
 8 R3/8 3108 08 17
 8 R1/2 3108 08 21
 10 R1/8 3108 10 13
 10 R1/4 3108 10 17
 10 R3/8 3108 10 21
 10 R1/2 3108 10 25
 12 R1/8 3108 12 17

OD NPT
 4 1/8 3108 04 11
 4 1/4 3108 04 14
 6 1/8 3108 06 11
 6 1/4 3108 06 14
 8 1/8 3108 08 11
 8 1/4 3108 08 14
 8 3/8 3108 08 17
 8 1/2 3108 08 21
 10 1/4 3108 10 13
 10 3/8 3108 10 17
 10 1/2 3108 10 21
 12 3/8 3108 12 17

OD BSPT
 4 M5x0.8 3199 04 09
 4 G1/8 3199 04 10
 6 M5x0.8 3199 06 19
 6 M10x1 3199 06 20
 6 G1/8 3199 06 20
 6 G1/4 3199 06 23
 8 M12x1.5 3199 08 27
 8 G1/8 3199 08 28
 8 G3/8 3199 08 31
 8 G1/2 3199 08 35
 10 G1/4 3199 10 33
 10 G3/8 3199 10 37
 10 G1/2 3199 10 41
 12 G1/8 3199 12 37
 12 G1/4 3199 12 41
 12 G1/2 3199 12 45

OD NPT
 4 1/8 3108 04 11
 4 1/4 3108 04 14
 6 1/8 3108 06 11
 6 1/4 3108 06 14
 8 1/8 3108 08 11
 8 1/4 3108 08 14
 8 3/8 3108 08 17
 8 1/2 3108 08 21
 10 1/4 3108 10 13
 10 3/8 3108 10 17
 10 1/2 3108 10 21
 12 3/8 3108 12 17

Tube-to-Tube and Plug-in Fittings

3106

Union Tee
OD
 1/8 3106 53 00
 5/32 3106 53 00
 1/4 3106 55 00
 1/4 3106 55 00
 5/16 3106 60 00
 3/8 3106 60 00
 1/2 3106 62 00

Union Elbow
OD
 1/8 3102 53 00
 5/32 3102 53 00
 1/4 3102 55 00
 1/4 3102 55 00
 5/16 3102 60 00
 3/8 3102 60 00
 1/2 3102 62 00

OD
 4 3106 04 00
 6 3106 06 00
 8 3106 08 00
 10 3106 10 00
 12 3106 12 00
 14 3106 14 00

3102

Union Tee
OD
 1/8 3104 53 00
 5/32 3104 53 00
 1/4 3104 55 00
 1/4 3104 55 00
 5/16 3104 60 00
 3/8 3104 60 00
 1/2 3104 62 00

Union Elbow
OD
 1/8 3102 53 00
 5/32 3102 53 00
 1/4 3102 55 00
 1/4 3102 55 00
 5/16 3102 60 00
 3/8 3102 60 00
 1/2 3102 62 00

OD
 4 3104 04 00
 6 3104 06 00
 8 3104 08 00
 10 3104 10 00
 12 3104 12 00
 14 3104 14 00

3104

Union Tee
OD
 1/8 3106 53 00
 5/32 3106 53 00
 1/4 3106 55 00
 1/4 3106 55 00
 5/16 3106 60 00
 3/8 3106 60 00
 1/2 3106 62 00

Union Elbow
OD
 1/8 3102 53 00
 5/32 3102 53 00
 1/4 3102 55 00
 1/4 3102 55 00
 5/16 3102 60 00
 3/8 3102 60 00
 1/2 3102 62 00

OD
 4 3106 04 00
 6 3106 06 00
 8 3106 08 00
 10 3106 10 00
 12 3106 12 00
 14 3106 14 00

3105

Reducer
OD1 OD2
 1/8 5/32 3166 53 04
 1/8 1/4 3166 53 06
 5/32 3/16 3166 54 05
 1/4 1/4 3166 54 05
 5/32 1/4 3166 54 06
 3/8 3166 60 00
 1/2 3166 62 00
 3/16 1/4 3166 56 06
 1/4 5/16 3166 56 08
 1/4 1/2 3166 56 02
 3/8 1/2 3166 60 02

Female Bulkhead Connector
OD NPT
 1/8 1/8 3036 53 11
 1/8 1/4 3036 56 11
 1/4 1/8 3036 54 11
 3/8 3/8 3036 60 18

3103

Equal Bulkhead Elbow
OD
 5/32 3139 04 00
 1/4 3139 06 00
 5/16 3139 08 00
 3/8 3139 60 00

OD
 4 3139 04 00
 6 3139 06 00
 8 3139 08 00

3107

Expander
OD1 OD2
 1/4 6mm 3168 56 06
 1/4 5/32 3168 56 04
 3/8 1/4 3168 60 56
 3/8 1/4 3168 60 56

Bulkhead Union
OD
 1/8 3116 53 00
 1/4 3116 56 00
 5/16 3116 60 00
 3/8 3116 60 00
 1/2 3116 62 00

OD
 4 3116 04 00
 6 3116 06 00
 8 3116 08 00
 12 3116 12 00

3116

Plug-in Elbow
OD1 OD2
 1/8 1/8 3182 53 00
 5/32 5/32 3182 54 00
 1/4 1/4 3182 56 00
 1/4 3/8 3182 56 00
 3/8 3/8 3182 60 00
 1/2 1/2 3182 62 00

OD1 OD2
 4 3182 04 00
 6 3182 06 00
 8 3182 08 00

3182

Plug-in Y
OD1 OD2
 5/32 5/32 3142 04 00
 1/4 1/4 3142 56 00
 1/4 1/4 3142 56 00

OD1 OD2
 4 3142 04 00
 6 3142 06 00
 8 3142 08 00

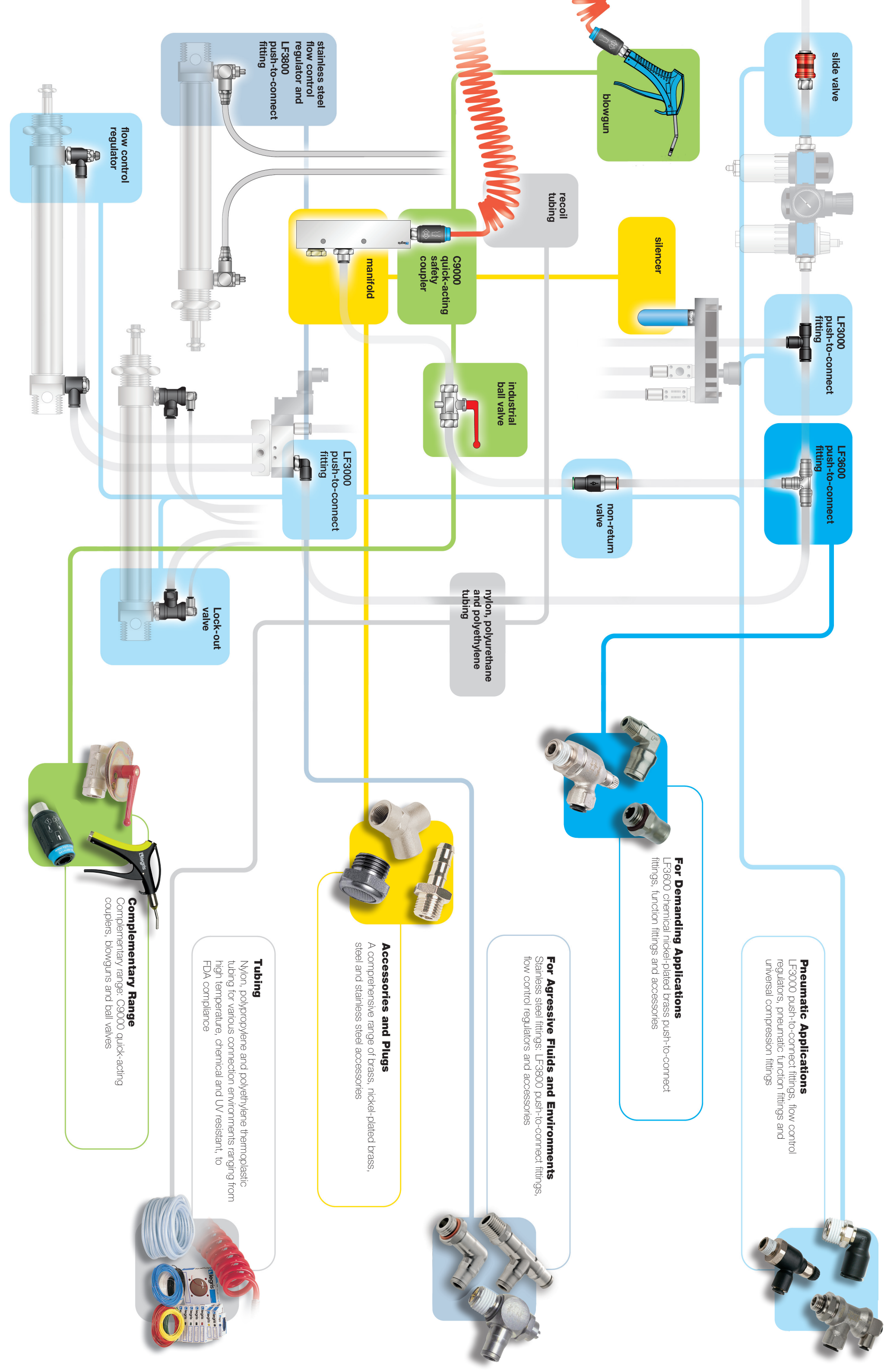
3108

Male Elbow
OD BSPP/Metric
 4 M5x0.8 3108 04 19
 4 G1/8 3108 04 20
 6 M5x0.8 3108 06 19
 6 G1/8 3108 06 20
 6 G1/4 3108 06 23
 8 M12x1.5 3108 08 27
 8 G1/8 3108 08 28
 8 G3/8 3108 08 31
 8 G1/2 3108 08 35
 10 G1/4 3108 10 33
 10 G3/8 3108 10 37
 10 G1/2 3108 10 41
 12 G1/8 3108 12 37
 12 G1/4 3108 12 41
 12 G1/2 3108 12 45

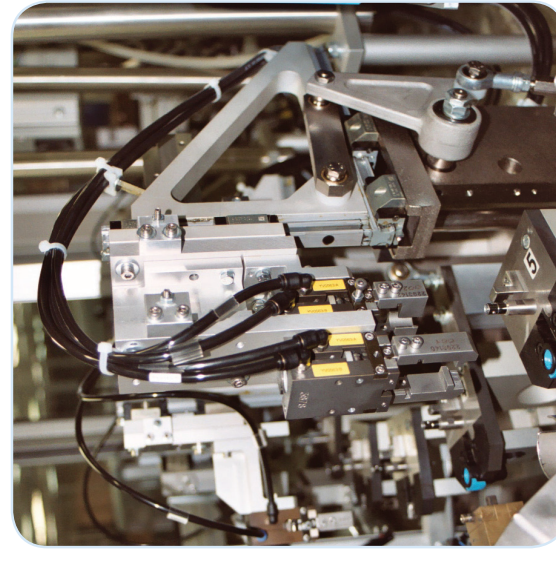
Male Branch Tee
OD NPT/UNF
 1/8 10-32 3108 53 20
 1/8 1/8 3108 53 11
 1/8 1/4 3108 53 14
 5/32 10-32 3108 53 20
 5/32 1/8 3108 53 11
 5/32 1/4 3108 53 14
 3/8 1/8 3108 56 11
 3/8 1/4 3108 56 14
 1/4 1/8 3108 56 11
 1/4 1/4 3108 56 14
 5/16 1/4 3108 56 11
 5/16 1/4 3108 56 14
 3/8 1/8 3108 60 11
 3/8 1/8 3108 60 14
 3/8 3/8 3108 60 11
 3/8 1/2 3108 60 14
 1/2 1/4 3108 62 14
 1/2 3/8 3108

Connection Solutions at a Glance

aerospace
electromechanical
filtration
fluid & gas handling
hydraulics
pressure test
sealing & shielding



LF3000 Push-to-Connect Fittings

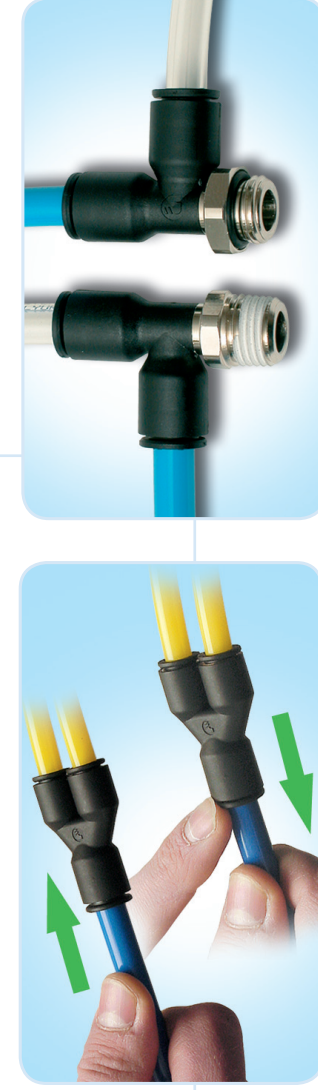


Applications

- LF3000 is used in a wide variety of applications, from packaging, automotive, factory automation, automotive, process industry, textile machinery, printing machinery and vacuum systems.

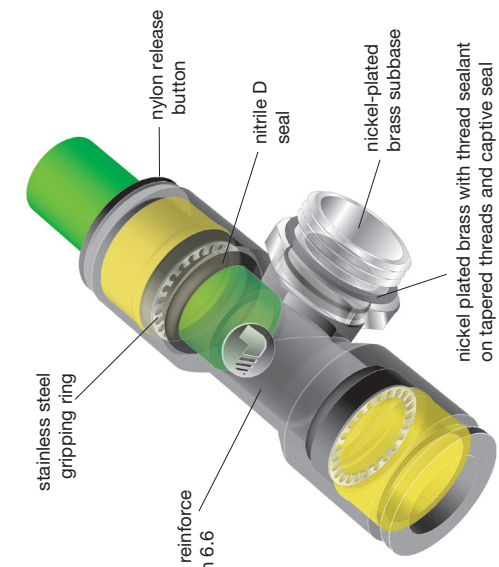
Benefits

- time saving and simplicity of installation;
- LF3000 is designed for easy disconnection without the use of tools;
- full flow, gripping and sealing achieved during the installation;
- automatic sealing: the D seal within the fitting provides a positive seal on the O.D. of the tube;
- no need for crimping or soldering; due to a compact design of the fitting cable;
- compact and aesthetic: optimized dimensions and internal hexagons on straight fittings;
- positionable body.



Technical specifications

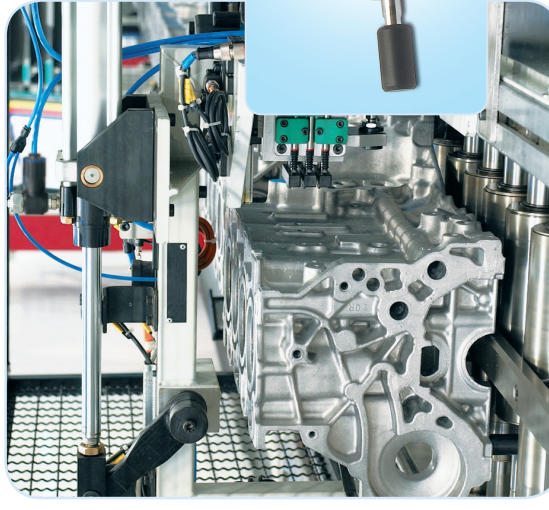
- suitable fluids: compressed air
- working temperature: -4° to +175° F for LF3000 (gripping ring) 6° to 155° F for LF3000 (collar technology)
- working pressure: 250 psi maximum for LF3000 (pressure rating dependent on tubing material used)
- vacuum capability: vacuum of 500 mg (0.8% vacuum)



- A solution for all applications
- wide variety of body designs and numerous configurations from 1/8 to 1/2 and 4mm to 10mm diameters
- types of threads: NPT, BSP taper, BSP parallel, metric and UNF

All items in the LF3000 range are guaranteed SILCONE FREE.

Flow Control Regulators



Applications

- Flow control regulators are used in a wide variety of primary industrial applications such as factory automation, packaging, multiphase robots, material handling, textile, printing, auto process and machine tools.

Function

- Flow control regulators control the speed of a pneumatic cylinder. The exhaust air flow is controlled by an adjustable restrictor. The inlet flow is unrestricted and is controlled by the flow control valve (exhaust version) or in the compressed air line (in-line version).

Benefits

- perfectly controlled sealing both externally (tube outlet and sub-base) and internally (adjustment screw)
- stability, progressiveness and accuracy of flow
- instant connection/ensures quick assembly
- designed for easy adjustment

Choosing a flow control regulator



LF3800 Stainless Steel Push-to-Connect Fittings



Applications

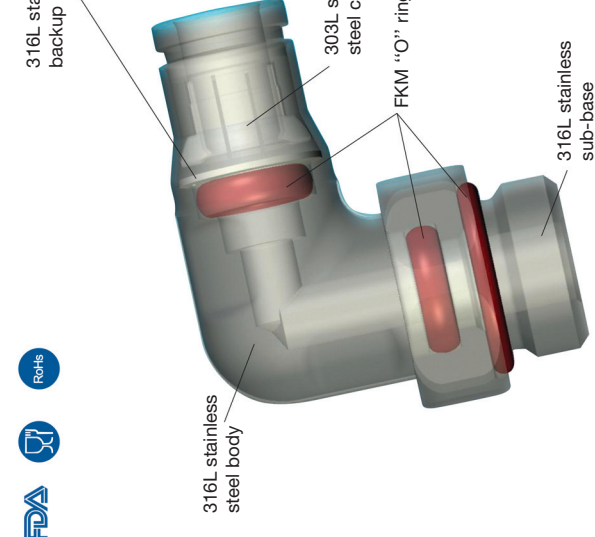
- LF3800 provides the advantages of push-to-connect fittings with a wide range of industrial applications such as chemical, food, packaging, medical, etc.



- Compatible with a large range of tubes:
 - semi-rigid nylon tube
 - flexible polyurethane tube
 - low density polyethylene
 - stainless steel and copper tube (when grooved)

Benefits

- collar technology guarantees excellent gripping and is resistant to mechanical shocks
- simple and reliable design
- instant manual connection and disconnection - no tools required
- smooth surface design aimed at reducing retention forces for easy and easy cleaning



- suitable fluids: all fluids compatible with fitting and tubing materials
- working temperature: from -4° to 245° F (pressure rating dependent on tubing material used)
- working pressure: maximum 250 psi (pressure rating dependent on tubing material used)

All items in the LF3800 range are guaranteed SILCONE FREE.

LIQUIFIT Push-to-Connect Fittings



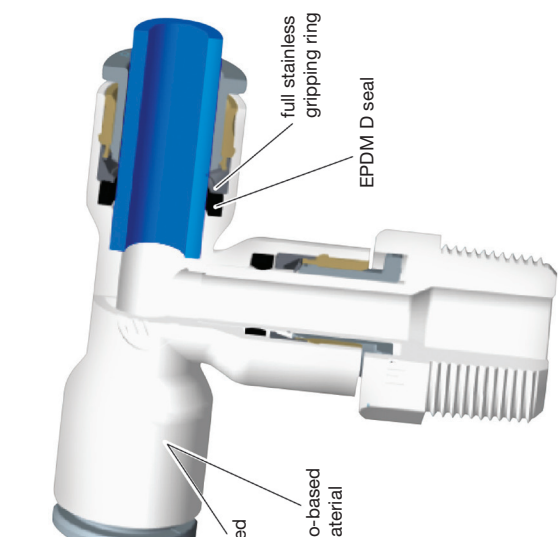
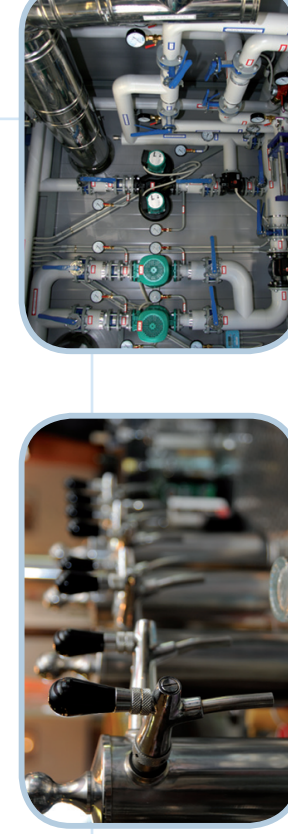
Applications

- LIQUIFIT is a revolutionary push-to-connect fitting designed for use in applications where performance is crucial. It is designed for use in applications where performance is crucial. It is designed for use in applications where performance is crucial.

Benefits

- high chemical resistance (chlorine, cleaning agents, UV, 40.25% lead)
- approved quality for contact with food: FDA, NSF 61, NSF 61
- strength and chemical resistance
- no pumping effect
- no need for locking clip or tube insert
- EPDM sealing technology
- full flow

LIQUIFIT production process includes individual unit quality control and date coding in order to guarantee their quality and traceability.



- suitable fluids: water, beverages, food, CO₂
- working temperature: 35° to 200° F
- working pressure: maximum 230 psi (pressure rating dependent on tubing material used)

All items in the LIQUIFIT range are guaranteed SILCONE FREE.