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The Aviation Point



# Tube fittings and hose

One data sheet per standard, transcribed from the standard itself: dimensions by size and every part number.

## The family

| Standard | Title | In short | Part numbers |
|---|---|---|---|
| 900591B-C | Aeroquip 900591B Clamp for Fire Sleeve | clamp for fire sleeve | 3 |
| ADP-SERIES | ADP Series Threaded Aluminum Plugs for Flareless Tube and Hose Assemblies | threaded aluminum plugs, flareless tube and hose assemblies | 7 |
| AE102 | Aeroquip AE102 Fire Sleeve | fire sleeve for hose | 10 |
| AE246 | AE246 High Pressure Teflon Hose, Wire Reinforced | high pressure Teflon hose | 4 |
| AE701 | 601/AE701 Medium Pressure Rubber Hose, Wire Reinforced (and AE501, AE401 covers) | medium pressure rubber hose | 6 |
| AEROQUIP-303 | Aeroquip 303 Medium Pressure Hose (MIL-H-8794) | medium pressure hose, MIL-H-8794 | 7 |
| AEROQUIP-306 | Aeroquip 306 Low Pressure Hose (MIL-H-5593) | low pressure hose, MIL-H-5593 | 6 |
| AEROQUIP-350 | Aeroquip 350 Complete Hose Assembly (303 Hose) | complete hose assembly, 303 hose | 6 |
| AEROQUIP-359 | Aeroquip 359 Complete Hose Assembly (306 Hose) | complete hose assembly, 306 hose | 5 |
| AEROQUIP-471 | Aeroquip 471 Hose Fitting, Straight, for 306 Hose | straight hose fitting, flared | 6 |
| AEROQUIP-491 | Aeroquip 491 Hose Fitting, Straight, for 303 Hose | straight hose fitting, flared | 7 |
| AEROQUIP-666 | Aeroquip 666 Medium Pressure Teflon Hose, Wire Reinforced | medium pressure Teflon hose, MIL-DTL-25579C | 5 |
| AN6204 | Valve, Hydraulic Bleeder | hydraulic bleeder valve | 2 |
| AN6289 | Nut, Tube with Groove for O-Ring | tube nut with O-ring groove | 9 |
| AN804 | Tee, 37° Flared Tube, Bulkhead on Run | bulkhead tee, bulkhead on run | 8 |
| AN806 | Plug, Pressure, 37° Flared Tube | pressure plug, 37° flared tube | 9 |
| AN807 | Adapter, Straight, Tube to Hose | straight adapter, tube to hose | 6 |
| AN814 | Bleeder Plug, Screw Thread | bleeder plug | 10 |
| AN815 | Union, 37° Flare, Male to Male | male-to-male union | 9 |
| AN816 | Adapter, Straight, Pipe to 37° Flared Tube | straight adapter, pipe to flared tube | 19 |
| AN818 | Nut, Flared Tube | flared tube nut | 9 |
| AN821 | Elbow, 90°, 37° Flared Tube | 90° elbow | 8 |
| AN827 | Cross, Flared Tube | cross | 4 |
| AN832 | Union, Flared Tube, Bulkhead and Universal | bulkhead union | 9 |
| AN834 | Tee, Bulkhead and Universal, Flared Tube | bulkhead universal tee | 8 |
| AN837 | Elbow, Flared Tube, Universal, 45° | universal 45° elbow | 7 |
| AN838 | Elbow, Flared Tube to Hose, 90° | 90° elbow, flared tube to hose | 5 |
| AN840 | Adapter, Straight, Pipe to Hose | straight adapter, pipe to hose | 7 |
| AN842 | Elbow, Pipe to Hose, 90° | 90° elbow, pipe to hose | 6 |
| AN844 | Elbow, Pipe to Hose, 45° | 45° elbow, pipe to hose | 6 |

| Standard | Title | In short | Part numbers |
|---|---|---|---|
| AN914 | Elbow, Pipe Internal and External Thread, 90° | 90° pipe elbow, internal and external thread | 5 |
| AN915 | Elbow, Pipe, 45° | 45° pipe elbow | 6 |
| AN916 | Elbow, Pipe Internal Thread, 90° | 90° pipe elbow, internal thread | 5 |
| AN917 | Tee, Pipe Internal Thread | pipe tee, internal thread | 6 |
| AN918 | Cross, Pipe Internal Thread (Female) | pipe cross, internal thread | 6 |
| AN919 | Reducer, Male to Male, External Thread Flared Tube 37° | male-to-male tube reducer | 24 |
| AN924 | Nut, Tube, Bulkhead and Universal Fitting | bulkhead fitting nut | 11 |
| AN938 | Tee, Tube, Internal Thread | tube tee, internal thread | 5 |
| ASC-ASP-SERIES | ASC Aluminum Caps and ASP Aluminum Plugs for 37° Flared Fittings | aluminum caps (ASC) and plugs (ASP), 37° flared fittings | 14 |
| CD-SERIES | CD Series Threaded Plastic Caps for Flared Fittings | threaded plastic caps, flared fittings | 8 |
| EC-EP-SERIES | EC Caps and EP Plugs, Electro-Static-Free, for Threaded Connectors | electro-static-free caps (EC) and plugs (EP), threaded connectors | 12 |
| MIL-DTL-6000 | MIL-DTL-6000 Oil and Coolant Hose | oil and coolant hose | 6 |
| MS20271 | Universal Joint | universal joint | 4 |
| MS20822 | Elbow, 90°, Pipe to 37° Flared Tube | 90° elbow, pipe to flared tube | 18 |
| MS20823 | Elbow, 45°, Pipe to 37° Flared Tube | 45° elbow, pipe to flared tube | 10 |
| MS20825 | Tee, Pipe to Tube, Pipe Thread on Side | tee, pipe thread on side | 8 |
| MS20826 | Tee, Pipe to Tube, Pipe Thread on Run | tee, pipe thread on run | 10 |
| MS20913 | Plug, Square Head, Safety Wire Hole | square head plug, safety wire hole | 7 |
| MS21900 | Adapter, Flareless Tube to Flared Tube | adapter, flareless tube to flared tube | 7 |
| MS21902 | Union, Flareless Tube | union, flareless tube | 8 |
| MS21904 | Elbow, Flareless Tube, 90° | 90° elbow, flareless tube | 8 |
| MS21907 | Elbow, Bulkhead, Universal, 45°, Flareless Tube | bulkhead universal 45° elbow, flareless tube | 8 |
| MS21908 | Elbow, Bulkhead, Universal, 90°, Flareless Tube | bulkhead universal 90° elbow, flareless tube | 8 |
| MS21913 | Plug, Hex Head, Flareless Tube | hex head plug, flareless tube | 9 |
| MS21914 | Cap, Pressure Seal, Flareless Tube Fitting | pressure seal cap, flareless tube | 9 |
| MS21921 | Nut, Sleeve Coupling, Flareless | sleeve coupling nut, flareless | 9 |
| MS21922 | Sleeve, Coupling, Flareless | coupling sleeve, flareless | 9 |
| PD-PDE-SERIES | PD and PDE Series Threaded Plastic Plugs | threaded plastic plugs, flared (PD) and flareless (PDE) | 15 |
| SCAT-SCEET | SCAT and SCEET Silicone Ducting | silicone ducting, SCAT and SCEET | 16 |
| STRATOFLEX-111 | Stratoflex 111 Medium Pressure Hose (MIL-H-8794) and 111417 Assemblies | medium pressure hose, MIL-H-8794 | 6 |



Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.

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| Standard | Title | In short | Part numbers |
|---|---|---|---|
| AN893 | Bushing, Female Straight to Male Straight Screw Thread Reducer | straight thread reducer bushing | 18 |
| AN894 | Bushing, Female Straight to Male 37° Screw Thread Expander | 37° expander bushing | 13 |
| AN910 | Coupling, Female to Female Pipe Thread | pipe-thread coupling | 7 |
| AN911 | Nipple, Pipe | pipe nipple | 7 |
| AN912 | Bushing, Pipe | pipe bushing | 12 |

| Standard | Title | In short | Part numbers |
|---|---|---|---|
| STRATOFLEX-193 | Stratoflex 193 Low Pressure Hose (MIL-H-5593) and 193000 Assemblies | low pressure hose, MIL-H-5593 | 6 |
| STRATOFLEX-300 | Stratoflex 300 Straight Flared Hose Fitting (for 111 Hose) | straight flared hose fitting | 6 |
| STRATOFLEX-311 | Stratoflex 311 Straight Hose Fitting (for 193 Hose) | straight hose fitting | 6 |
| STRATOFLEX-646 | Stratoflex 646 45° Elbow Flared Hose Fitting (for 111 Hose) | 45° elbow flared hose fitting | 5 |

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