



## How to Order - GripLok

Griplok tube fittings are ordered by specifying part numbers as listed in this catalog. The Griplok part numbers are easy to understand, and describe tube fittings that are completely assembled and ready to be installed. The following explains the part numbering system:

ISS	D	4	MC	2	
Instrumentation Material Designator (See Chart 1)	SSP Brand Designator U = Unilok Instrumentation quality tube fittings	Tube O.D. expressed in sixteenths of an inch (See Chart 2)	Type of Tube Fitting Designator (See Chart 3)	2nd end connection, expressed in sixteenths of an inch, is required for a reduced size tube O.D. or a differing type of end connection such as MNPT, FNPT, etc. (See Chart 2)	For special application tees, a 3rd end connection is required for a reduced size tube O.D. or a differing type of end connection such as MNPT, FNPT, etc. expressed in sixteenths of an inch (See Chart 2)

**Chart 1**

Instrumentation Material Designator	Material
IB	Brass
ISS	316 Stainless Steel
ICS	Carbon Steel
IM	Monel®
IN*	Nylon
IPFA*	PFA Teflon®
ITFE*	PTFE Teflon®

\* Ferrules Only



**Chart 2: Part # Size Designators**

<b>Size Designator</b>	<b>Tube O.D. or MNPT, FNPT Size</b>
1	1/16"
2	1/8"
3	3/16"
4	1/4"
5	5/16"
6	3/8"
8	1/2"
10	5/8"
12	3/4"
16	1"

**Notes:**

All Configurations:

Only one size indicator is necessary when all of the connections are the same type and size.

Straights and Elbows: Specify the largest tube end first followed by the smaller tube end or differing type of connection (MNPT, FNPT, etc.).

Tees and Crosses:

Tees are described by first sizing the run (1 to 2) and then the branch (3). Crosses are described by first sizing the run (1 to 2) and then the branch (3 to 4). See Figure 1.

Specials: SSP Instrumentation manufactures a wide variety of special application tube fittings. Contact your local distributor for details regarding availability of special tube fitting configurations, materials and sizes.

**Chart 3**

<b>Type of Fitting Designator</b>	<b>Description of Unilok Tube Fitting Types</b>
ANA	AN Adapter
ANBU	AN Bulkhead Union
ANF	Female AN Adapter
ANU	AN Union
BFC	Bulkhead Female Connector
BMC	Bulkhead Male Connector
BR	1/2"
BRU	5/8"
BU	3/4"
CP	Cap
FA	Female Adapter
FBT	Female Branch Tee
FC	Female Connector
FE	Female Elbow
FRT	Female Run Tee
MA	Male Adapter
MBT	Male Branch Tee
MC	Male Connector
MCBT	Male Connector Board Through
MCST	Male Connector to Straight Thread Boss
ME	Male Elbow
M45E	Male 45° Elbow
MPWC	Male Pipe Weld Connector



MPWE	Male Pipe Weld Elbow
MRT	Male Run Tee
OMC	O-Ring Seal Male Pipe Connector
OSC	O-Ring Seal Straight Thread Connector
P	Plug
PC	Port Connector
R	Reducer/Adapter
RPC	Reducing Port Connector
RU	Reducing Union
TSWE	Tube Socket Weld Elbow
TSWU	Tube Socket Weld Union
U	Union
UCS	Union Cross
UE	Union Elbow
UT	Union Tee
COMPONENTS	
BF	Back Ferrule
BN	Bulkhead Nut
FF	Front Ferrule
FS	Ferrule Set
KN	Knurled Nut
N	Nut
TI	Tube Insert