GripLoc™ Compression Couplings



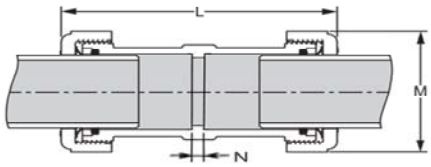


GripLoc™ Compression Coupling

Tightening nut compresses special stainless steel Gripper Ring to firmly grip pipe and prevent potential pull-out. Compressed Gland Ring ensures positive O-ring seal against pipe.

GripLoc™ Compression Couplings

WARNING: DO NOT INSERT FINGERS
For Cold Water Only - EPDM Gasket
1/2" - 2" Pressure Rated to 235 psi
3"- 4" Pressure Rated to 150 psi
Hand Tighten ONLY - No Nut Wrenches Required



Part Number	Size	L	M	N	Approx. Wt. (Lbs.)
S112-05	1/2	4-13/16	1-13/16	1/8	.19
S112-07	3/4	5-1/8	2-1/8	1/8	.31
S112-10	1	5-7/16	2-1/2	1/8	.45
S112-12	1-1/4	6	2-15/16	1/8	.55
S112-15	1-1/2	6-11/16	3-5/16	1/8	.90
S112-20	2	7-5/16	3-7/8	1/8	1.30
S112-30	3	8-11/16	5-1/2	3/16	3.09
S112-40	4	11	6-11/16	3/16	5.86

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas
See Spears® Product Sourcebook for product offerings
Spears® Manufacturing Company

GripLoc™ Compression Adapters



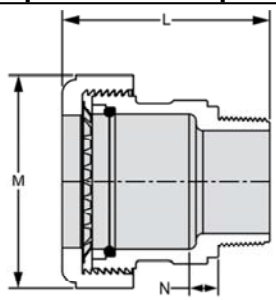
GripLoc™ Compression Male Adapters



GripLoc™ Compression Female Adapters

GripLoc™ Compression Male Adapter

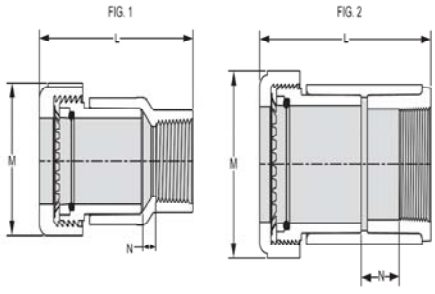
WARNING: DO NOT INSERT FINGERS
Mipt x EPDM GripLoc™ Gasket
For Cold Water Only
Hand Tighten ONLY - No Nut Wrenches Required



Part Number	Size	L	M	N	Approx. Wt. (Lbs.)
S135-05	1/2	2-9/16	1-13/16	1/4	.12
S135-07	3/4	2-13/16	2-1/8	5/16	.18
S135-10	1	3-1/8	2-1/2	5/16	.25
S135-12	1-1/4	3-3/8	2-15/16	11/32	.35
S135-15	1-1/2	3-9/16	3-5/16	3/8	.47
S135-20	2	3-7/8	3-7/8	13/32	.72

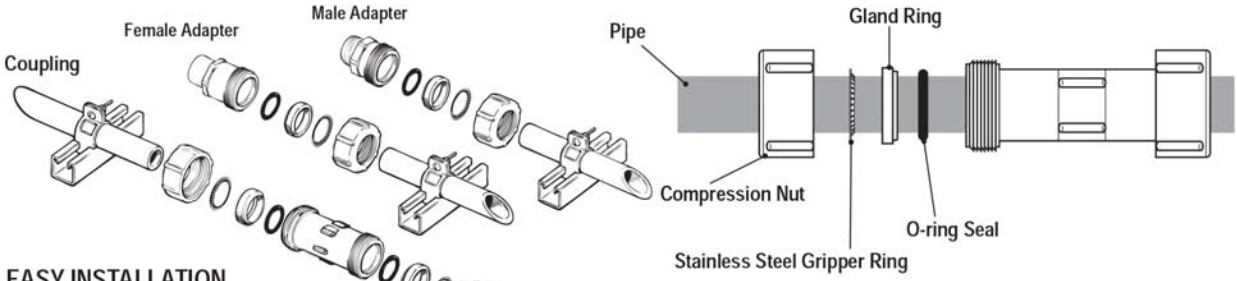
GripLoc™ Compression Female Adapter

WARNING: DO NOT INSERT FINGERS
Fipt x EPDM GripLoc™ Gasket
For Cold Water Only
Hand Tighten ONLY - No Nut Wrenches Required



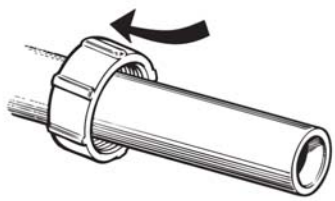
Part Number	Size	L	M	N	FIG.	Approx. Wt. (Lbs.)
S136-05	1/2	2-13/16	1-13/16	3/32	1	.15
S136-07	3/4	3-3/16	2-1/8	3/16	1	.23
S136-10	1	3-5/8	2-1/2	7/32	1	.35
S136-12	1-1/4	4-1/8	2-15/16	9/16	2	.50
S136-15	1-1/2	4-1/2	3-5/16	9/32	2	.81
S136-20	2	5-7/16	3-7/8	1-1/32	2	1.32

GripLoc™ Compression Fittings Installation



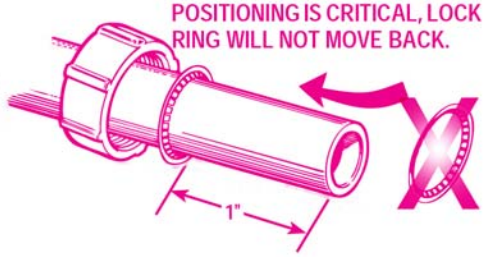
EASY INSTALLATION
Spears® GripLoc™ Compression Couplings easily install by simply sliding nut over pipe, slip on components in order shown, then insert into body and tighten nuts.

STEP 1
Install Compression Nut.

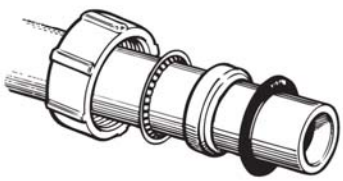


STEP 2
Install Gripper Ring.

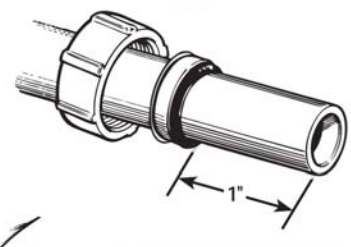
POSITIONING IS CRITICAL, LOCK RING WILL NOT MOVE BACK.



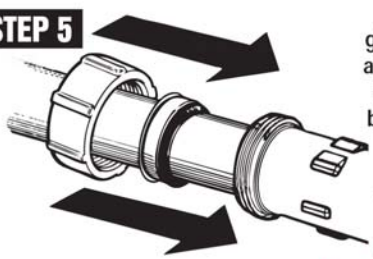
STEP 3
Install Gland Ring and pre-lubricated O-ring.



STEP 4
Slide Gripper Ring, Gland Ring & O-ring down until O-ring is 1" from pipe end.



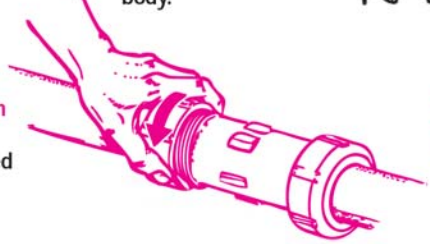
STEP 5



Gripper ring, gland ring, O-ring and body must be mated together before tightening nut. Use equal pressure to bottom out the Gland Ring to body.



STEP 6 Hand Tighten only Compression Nut. DO NOT use Compression Coupling Nut Wrench or Strap Wrench.
Additional tightening is not required to seal.



WARNING: DO NOT INSERT FINGERS. ENSURE THAT PIPE AND FITTINGS ARE FREE OF DIRT AND DEBRIS PRIOR TO INSTALLATION.

CONVERT FITTINGS TO COMPRESSION OUTLET
Socket-type fittings 3/4" through 2-1/2" can be easily converted to GripLoc™ compression outlet sizes 1/2" through 2" by simply cutting the Griploc™ Compression Coupling at the center holding ribs and solvent welding the spigot body into a fitting socket.



Compression Coupling Size (in.)	Body Spigot Size (in.)
1/2	3/4
3/4	1
1	1-1/4
1-1/4	1-1/2
1-1/2	2
2	2-1/2