



Hose Barb Fittings

MATERIALS OF CONSTRUCTION	
FITTINGS:	BRASS
O-RING:	FLUOROCARBON

NOMENCLATURE	
EXAMPLE: 125HBL-6-4	ATTRIBUTE:
125	HOSE BARB TO MALE PIPE
HBL	HOSE BARB
6	3/8 HOSE I.D.
4	1/4 NPTF/PTF

APPLICABLE TUBE	
TUBE MATERIAL:	RUBBER HOSE, GPH HOSE
HOSE I.D.:	1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 1

SPECIFICATIONS	
PRESSURE RANGE:	UP TO 150 PSI
TEMPERATURE RANGES:	-40° TO +160°F
NOTE:	THESE FITTINGS ARE INTENDED FOR USE WITH 97HC HOSE CLAMPS, SIMILAR TYPE CLAMP OR A CRIMPED FERRULE.

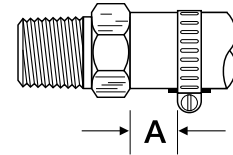


Manufactured in both regular hose barb and beaded hose barb styles. Thread ends include NPTF, SAE straight thread and metric threads.

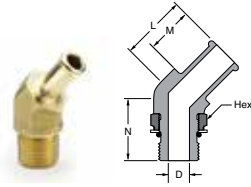
Assembly Instructions

1. Cut hose cleanly and squarely to length.
2. Slide clamp on hose.
3. Lubricate hose. Push hose on fitting until hose bottoms against stop ring or hex.
4. Position hose clamp as shown below and secure with a screwdriver or wrench. Maintain "A" dimension noted below for proper clamp positioning.

HOSE SIZE	HOSE CLAMP	A
3/16"	97 HC-3	1/4"
1/4"	97 HC-3	1/4"
5/16"	97 HC-6	1/4"
3/8"	97 HC-6	1/8"
1/2"	97 HC-8	1/8"
5/8"	97 HC-12	1/8"
3/4"	97 HC-12	1/8"



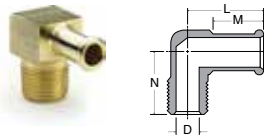
**Beaded Hose Barb 45°
Elbow to Metric Thread
179HB-X-MIX**



PART NUMBER	HOSE SIZE	METRIC THREAD	HEX	L	M	N	D
179HB-12-MI18	3/4	M18 X 1.5	13/16	1.15	.78	1.16	.44
179HB-16-MI27	1	M27 X 2.0	1 1/16	1.51	.97	1.71	.71

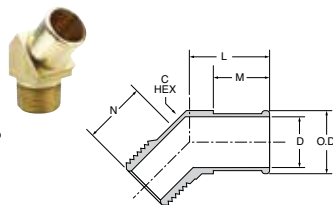
Note: Fluorocarbon o-ring is standard

**Beaded Hose Barb 90°
Elbow Tube to Male
Pipe 269HB**



PART NO.	I.D. HOSE SIZE	PIPE THREAD	L	M	N	FLOW DIA. D
269HB-6-6	3/8	3/8	1.19	.78	.88	.281
269HB-8-4	1/2	1/4	1.16	.78	.99	.310
269HB-8-6	1/2	3/8	1.16	.78	1.08	.406
269HB-8-8	1/2	1/2	1.28	.78	1.25	.406
269HB-10-4	5/8	1/4	1.13	.78	.99	.312
269HB-10-6	5/8	3/8	1.16	.78	.99	.406
269HB-10-8	5/8	1/2	1.28	.78	1.25	.501
269HB-12-8	3/4	1/2	1.28	.78	1.25	.563
269HB-12-12	3/4	3/4	1.33	.78	1.27	.625

**Beaded Hose Barb 45°
Elbow Tube to Male
Pipe 279HB**



PART NO.	I.D. HOSE SIZE	NPTF THREAD	C HEX	L	M	N	O.D. D	FLOW DIA. D
279HB-16-12	1	3/4-14	1.12	1.38	.97	1.13	1.06	.720