IQS connectors - LE





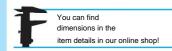


FDA IQS plug connectors for liquids & food

LE

Materials: Body and release ring: POM (FDA 21 CFR 177.2470, NSF/ANSI 51 & 61), retaining claw: stainless steel, seals: EPDM (FDA 21 CFR 177.2600), lubricant: silicone grease (NSF/ANSI 51 & 61)
Temperature range: 0°C to max. +65°C Operating
pressure: -0.95 to 16 bar (Ø 3/8", 1/2", 10 mm & 12 mm: max. 11 bar)* Media: unoiled

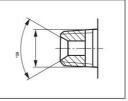
compressed air, Water, liquid food, non-hazardous gases and liquids (no mineral oils), mild chemicals Approvals: Materials according to FDA & NSF/ANSI



- u parts: available for metric and imperial hoses
 G thread, R thread and NPT thread available, compatible with many other manufacturers

* At temperatures >20°C, calculate operating pressure with these correction factors: 30°C: 0.88 - 40°C: 0.77 - 50°C: 0.69 - 65°C: 0.63, Example: 50°C, operating pressure = 16 bar * 0.69 = 11 bar

thread	D	
UNF 10-32	4.83mm**	
NPT 1/16"	8.10mm	
NPT 1/8"	10.30mm	
NPT 1/4"	13.70mm	
NPT 3/8"	17.20mm	
NPT 1/2"	21.30mm	



Hose Ø outside 1/8"			
	3.17mm		
5/32"	3.97mm		
3/16"	4.76mm		
1/4"	6.35mm		
5/16"	7.94mm		
3/8"	9.52mm		
1/2"	12.70mm		

** cylindrical



Push-in fittings I E (metric)





Push-in tittings LE (metric)						
Type G thread	G	Type R thread	R	Type NPT thread	R	D
IQSG 184 G LE	G 1/8"	IQSG 184 LE	R 1/8"	IQSG 184 NPT LE	NPT 1/8"	4
IQSG 185 G LE	G 1/8"	IQSG 185 LE	R 1/8"	IQSG 185 NPT LE	NPT 1/8"	5
IQSG 186 G LE	G 1/8"	IQSG 186 LE	R 1/8"			6
IQSG 188 G LE	G 1/8"	IQSG 188 LE	R 1/8"	IQSG 188 NPT LE	NPT 1/8"	8
		IQSG 1810 LE	R 1/8"			10
IQSG 144 G LE	G 1/4"	IQSG 144 LE	R 1/4"	IQSG 144 NPT LE	NPT 1/4"	4
IQSG 145 G LE	G 1/4"	IQSG 145 LE	R 1/4"			5
IQSG 146 G LE	G 1/4"	IQSG 146 LE	R 1/4"			6
IQSG 148 G LE	G 1/4"	IQSG 148 LE	R 1/4"	IQSG 148 NPT LE	NPT 1/4"	8
IQSG 1410 G LE	G 1/4"	IQSG 1410 LE	R 1/4"			10
		IQSG 386 LE	R 3/8"			6
IQSG 388 G LE	G 3/8"	IQSG 388 LE	R 3/8"	IQSG 388 NPT LE	NPT 3/8"	8
IQSG 3810 G LE	G 3/8"	IQSG 3810 LE	R 3/8"			10
		IQSG 3812 LE 🙀	R 3/8"			12
		IQSG 126 LE	R 1/2"			6
IQSG 1210 G LE	G 1/2"	IQSG 1210 LE	R 1/2"			10
		IQSG 1212 IF	R 1/2"			12



Push-in fittings with internal thread

LE (metric)



Type G thread with		Туре		
Elastomer seal G		NPT thread	R	D
		IQSF 188 NPT LE	NPT 1/8"	8th
		IQSF 148 NPT LE	NPT 1/4"	8th
IQSF 386 LE	G 3/8"			6
IQSF 388 LE	G 3/8"			8
IQSF 3810 LE 🗼	G 3/8"			10
IQSF 126 LE	G 1/2"			6
IQSF 128 LE	G 1/2"			8
IQSF 1210 LE	G 1/2"			10



L push-in fittings LE (metric)



E paori in mango			EE (motilo)	
Type R thread	R	Type NPT thread	R	D
		IQSL 185 NPT LE	NPT 1/8"	5
IQSL 186 LE	R 1/8"		······································	6
IQSL 146 LE	R 1/4"			6
IQSL 148 LE	R 1/4"	IQSL 148 NPT LE	NPT 1/4"	8
IQSL 1410 LE 🔸	R 1/4"			10
IQSL 386 LE	R 3/8"			6
IQSL 388 LE	R 3/8"	IQSL 388 NPT LE	NPT 3/8"	8
IQSL 3810 LE	R 3/8"	<u></u>	·····	10

All information is intended as a non-binding guideline! For not confirmed in writing data selection, we assume no liability. Unless otherwise stated, pressure information refers to Group II liquids at +20°C.



