



Gates Lock-On Plus Programme: combining Gates quality with push/fit convenience



Gates Lock-On Plus hose and coupling programme is the ideal push/fit system for low-pressure hydraulic and industrial requirements. Now available directly from the Gates distribution network, Lock-On Plus is industry's most versatile option for non-crimped assembly.

From compressors to combine harvesters, from forklifts to food processing equipment, Gates Lock-On Plus hose gives 300 psi (21 bar) performance for low-pressure lines. Superior coupling retention makes the Lock-On Plus programme the winning push/fit combination.

Gates Lock-On Plus hose is silicone-free, ideal for high-spec pneumatic and robotic systems in paint-spray applications where prevention of silicone contamination is vital.

Featuring five colour alternatives and a comprehensive termination range, Gates Lock-On Plus modular programme is designed for versatile industrial and hydraulic performance, at industry's convenience.

Versatility by design

Lock-On Plus - basse pression
Lock-On Plus - baja presión
Lock-On Plus - bassa pressione

Lock-On Plus



Module	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	mm/Hg	kg/100m	REF.	N° Prod.
-4	6	1/4	0.49	12.5	1215	8.4	300	2.1	45	710	12	LOLA+04	3284-96173
-6	10	3/8	0.62	15.7	1215	8.4	300	2.1	75	710	16	LOLA+06	3284-96174
-8	12	1/2	0.75	19.1	1215	8.4	300	2.1	80	710	20	LOLA+08	3284-96175
-10	16	5/8	0.91	23.0	1215	8.4	300	2.1	115	710	28	LOLA+10	3284-96176
-12	19	3/4	1.03	26.2	1215	8.4	300	2.1	135	380	33	LOLA+12	3284-96177
-4	6	1/4	0.49	12.5	1215	8.4	300	2.1	45	710	12	LOLB+04	3284-96155
-6	10	3/8	0.62	15.7	1215	8.4	300	2.1	75	710	16	LOLB+06	3284-96156
-8	12	1/2	0.75	19.1	1215	8.4	300	2.1	80	710	20	LOLB+08	3284-96157
-10	16	5/8	0.91	23.0	1215	8.4	300	2.1	115	710	28	LOLB+10	3284-96158
-12	19	3/4	1.03	26.2	1215	8.4	300	2.1	135	380	33	LOLB+12	3284-96159
-4	6	1/4	0.49	12.5	1215	8.4	300	2.1	45	710	12	LOLC+04	3284-96160
-6	10	3/8	0.62	15.7	1215	8.4	300	2.1	75	710	16	LOLC+06	3284-96161
-8	12	1/2	0.75	19.1	1215	8.4	300	2.1	80	710	20	LOLC+08	3284-96162
-10	16	5/8	0.91	23.0	1215	8.4	300	2.1	115	710	28	LOLC+10	3284-96163
-12	19	3/4	1.03	26.2	1215	8.4	300	2.1	135	380	33	LOLC+12	3284-96164
-4	6	1/4	0.49	12.5	1215	8.4	300	2.1	45	710	12	LOLG+04	3284-96150
-6	10	3/8	0.62	15.7	1215	8.4	300	2.1	75	710	16	LOLG+06	3284-96151
-8	12	1/2	0.75	19.1	1215	8.4	300	2.1	80	710	20	LOLG+08	3284-96152
-10	16	5/8	0.91	23.0	1215	8.4	300	2.1	115	710	28	LOLG+10	3284-96153
-12	19	3/4	1.03	26.2	1215	8.4	300	2.1	135	380	33	LOLG+12	3284-96154
-4	6	1/4	0.49	12.5	1215	8.4	300	2.1	45	710	12	LOLR+04	3284-96145
-6	10	3/8	0.62	15.7	1215	8.4	300	2.1	75	710	16	LOLR+06	3284-96146
-8	12	1/2	0.75	19.1	1215	8.4	300	2.1	80	710	20	LOLR+08	3284-96147
-10	16	5/8	0.91	23.0	1215	8.4	300	2.1	115	710	28	LOLR+10	3284-96148
-12	19	3/4	1.03	26.2	1215	8.4	300	2.1	135	380	33	LOLR+12	3284-96149

F

Recommandé pour:

Les huiles minérales, l'antigel, l'eau, les huiles chaudes de lubrification et l'air. Convient au nettoyage à basse pression et aux systèmes pneumatiques, aux circuits de retour et aux circuits basse pression. Les tuyaux et les embouts Lock-On Plus ne sont pas recommandés pour les applications avec des pics de pression ou des applications critiques.

Tube:

NBR (Nitrile).

Renforcement:

Une tresse en textile.

Robe:

Caoutchouc synthétique (un mélange de nitrile) résistant à l'huile et à l'abrasion.

Température:

Entre -40°C et +100°C en utilisation continue et jusqu'à +120°C en utilisation intermittente. Pour les émulsions d'eau, etc. voir page 56.

Normes:

Spécifique Gates.

Embouts:

Embouts Lock-On Plus réutilisables.

Caractéristiques/avantages:

Disponible en 5 couleurs.

Montage facile.

Sans silicone.

A = noir

R = rouge

B = bleu

C = gris

G = vert

E

Recomendada para:

Aceites hidráulicos a base de petróleo, soluciones anticongelantes, agua, aire y aceites lubricantes calientes. Apropriada para sistemas neumáticos y de limpieza de baja presión, líneas de retorno y líneas de baja presión. No se recomiendan las mangueras y conexiones Lock-On en aplicaciones hidráulicas con aumentos de presión ni en aplicaciones críticas.

Tubo:

NBR (Nitrilo).

Refuerzo:

Una malla trenzada textil.

Cubierta:

Caucho sintético (una mezcla de nitrilo) resistente al aceite y a la abrasión.

Temperatura:

De -40°C a +100°C en servicio continuo y hasta +120°C de forma intermitente. Para emulsiones de agua, etc. véase en la página 130.

Normas:

Especifica Gates.

Conexiones:

Conexiones reutilizables Lock-On Plus.

Características/beneficios:

Disponible en 5 colores.

Fácil de montar.

Exenta de silicona.

A = negro

R = rojo

B = azul

C = gris

G = verde

I

Raccomandato per:

Oli idraulici a base di petrolio, soluzioni antigelo, acqua, oli lubrificanti caldi ed aria. Adatto per pulitrici a bassa pressione, sistemi pneumatici, circuiti di ritorno e circuiti a bassa pressione. I tubi e raccordi Lock-On non sono raccomandati per applicazioni con picchi di pressione o per applicazioni critiche.

Sottostrato:

NBR (nitrile).

Rinforzo:

Una treccia tessile.

Copertura:

Mescola di gomma sintetica (nitrile) resistente agli oli ed all'abrasione.

Temperatura di esercizio:

Da -40°C a +100°C in esercizio continuo e punte fino a +120°C.

Per informazioni sulle emulsioni ad acqua ecc., vedere p. 204.

Normative:

Secondo gli standard specifici Gates.

Raccordi:

Raccordi Lock-On Plus recuperabili.

Caratteristiche/vantaggi:

Disponibile in 5 colori.

Facilità di montaggio. Non sono richieste né ghiere, né fascette di serraggio.

Senza silicone.

A = nero

R = rosso

B = blu

C = grigio

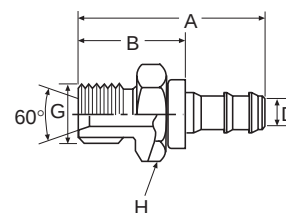
G = verde

BSP MBSP

Embout mâle BSP cylindrique. Cône 60°.

Macho BSP cilíndrico. Cono de 60°.

Raccordo maschio BSP cilindrico. Cono 60°.



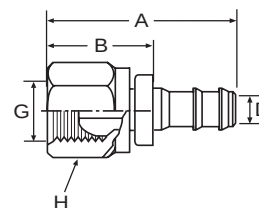
D			G	A	B	H	REF.	N° Prod.
Module	DN	"		mm	mm	mm	LOC	LOC
-4	6	1/4	1/8" - 28 BSP	32.0	14.0	14.0	4LOC2MBSP	7375-10215
-4	6	1/4	1/4" - 19 BSP	41.1	20.0	18.0	4LOC4MBSP	7375-10302
-6	10	3/8	1/4" - 19 BSP	40.0	19.0	19.0	6LOC4MBSP	7375-10216
-6	10	3/8	3/8" - 19 BSP	46.9	22.5	23.4	6LOC6MBSP	7375-10324
-8	13	1/2	1/2" - 14 BSP	55.5	26.1	25.7	8LOC8MBSP	7375-10334
-10	16	5/8	5/8" - 14 BSP	69.3	28.8	27.9	10LOC10MBSP	7375-10288
-12	19	3/4	3/4" - 14 BSP	73.7	30.5	33.0	12LOC12MBSP	7375-10293

BSP FBSPX

Embout femelle BSP cylindrique ("portée globique").

Hembra BSP cilíndrica (ball nose).

Raccordo femmina BSP cilindrico.



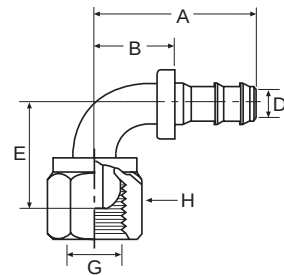
D			G	A	B	H	REF.	N° Prod.
Module	DN	"		mm	mm	mm	LOC	LOC
-4	6	1/4	1/4" - 19 BSP	29.5	9.0	15.2	4LOC4FBSPX	7375-10297
-6	10	3/8	3/8" - 19 BSP	32.4	9.0	20.8	6LOC6FBSPX	7375-10319
-8	13	1/2	1/2" - 14 BSP	37.6	10.0	23.4	8LOC8FBSPX	7375-10329
-10	16	5/8	5/8" - 14 BSP	57.3	13.5	27.9	10LOC10FBSPX	7375-10283
-12	19	3/4	3/4" - 14 BSP	60.2	14.0	33.0	12LOC12FBSPX	7375-10289

BSP FBSPPX90

Embout femelle BSP cylindrique. Coudé 90° ("portée globique").

Hembra BSP cilíndrica. Codo a 90° (ball nose).

Raccordo femmina BSP cilindrico. Gomito 90°.



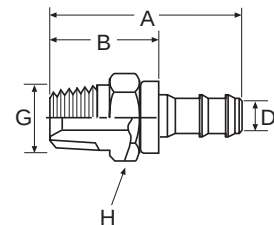
D			G	A	B	E	H	REF.	N° Prod.
Module	DN	"		mm	mm	mm	mm	LOC	LOC
-4	6	1/4	1/4" - 19 BSP	42.9	21.6	31.1	18.0	4LOC4FBSPPX90	7375-10299
-6	10	3/8	3/8" - 19 BSP	51.8	27.0	39.1	20.8	6LOC6FBSPPX90	7375-10321
-8	13	1/2	1/2" - 14 BSP	63.0	33.6	44.5	25.7	8LOC8FBSPPX90	7375-10331
-10	16	5/8	5/8" - 14 BSP	80.8	40.2	49.5	27.9	10LOC10FBSPPX90	7375-10285
-12	19	3/4	3/4" - 14 BSP	87.5	44.5	54.4	33.0	12LOC12FBSPPX90	7375-10291

BSP MBSPT

Embout mâle BSP conique.

Macho BSP cónico.

Raccordo maschio BSP conico.



D			G	A	B	H	REF.	N° Prod.
Module	DN	"		mm	mm	mm	LOC	LOC
-4	6	1/4	R 1/4" - 19 BSP	33.7	15.7	14.0	4LOC4MBSPT	7375-10315
-6	10	3/8	R 3/8" - 19 BSP	51.2	26.6	17.4	6LOC6MBSPT	7375-10325
-12	20	3/4	R 3/4" - 14 BSP	77.2	34.3	27.9	12LOC12MBSPT	7375-10294