

NL

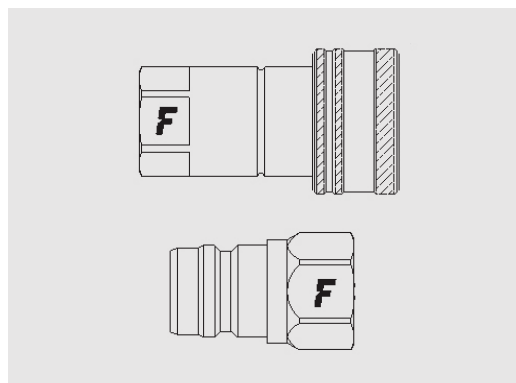


Standard couplings free flow. Faster interchangeability (except size 12,5).

NL couplings represent the free-flow version of NV series products. Purposely designed without internal valves to increase the flow rate minimizing the pressure drop.



Applications



Technical Specifications

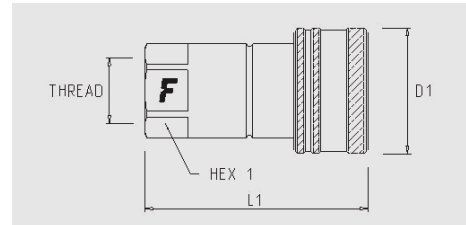
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12,5	1/2"	30	115	0	140			130
12	20	3/4"	30	150	0	150			130

Material	Steel
Seals	VITON
Working temperatures	- 20 °C to + 200 °C
Surface treatment	MATE 500 (CrIII)
Series Interchange	FASTER
Valve Type	None
Connection	Sleeve Retraction
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed

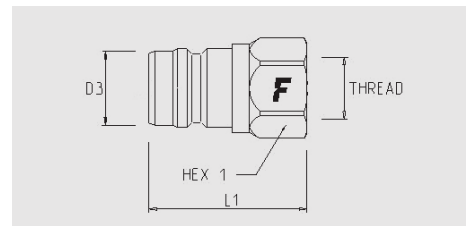
Pressure Drop

No pressure drops detected during testing

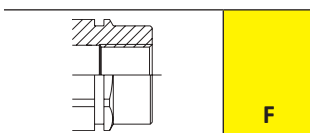
NL



Size		Thread details			FEMALE						
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	NL 12 GAS F V	66	2,6	38	1,5	27	1,06
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	NL 34 GAS F V	84	3,31	48	1,89	34	1,34



Size		Thread details			MALE								
inch	mm	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
1/2"	12,5	F BSPP	ISO 1179-1	BSPP 1/2 FEMALE	NL 12 GAS M	44	1,73	30	1,98	20	0,8	27	1,06
3/4"	20	F BSPP	ISO 1179-1	BSPP 3/4 FEMALE	NL 34 GAS M	55	2,17	38	1,5	27,9	1,1	34	1,34



NL Accessories

PVC dust caps



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12 L	blue
1/2"	12,5	08	TM 12 L/A	orange
1/2"	12,5	08	TM 12 L/G	yellow
1/2"	12,5	08	TM 12 L/M	brown
1/2"	12,5	08	TM 12 L/N	black
1/2"	12,5	08	TM 12 L/R	red
1/2"	12,5	08	TM 12 L/V	green
3/4"	20	12	TM 34	blue



Caps suitable for MALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TF 12	blue
1/2"	12,5	08	TF 12 A	orange
1/2"	12,5	08	TF 12 G	yellow
1/2"	12,5	08	TF 12 GR	grey
1/2"	12,5	08	TF 12 M	brown
1/2"	12,5	08	TF 12 N	black
1/2"	12,5	08	TF 12 R	red
1/2"	12,5	08	TF 12 V	green
3/4"	20	12	TF 34	blue



Plugs suitable for FEMALE

Size			Plug Details	
inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12-38	blue
1/2"	12,5	08	TM 12-38 G	yellow
1/2"	12,5	08	TM 12-38 GR	grey
1/2"	12,5	08	TM 12-38 M	brown
1/2"	12,5	08	TM 12-38 N	black
1/2"	12,5	08	TM 12-38 R	red
1/2"	12,5	08	TM 12-38 V	green

NL Accessories

Aluminium dust caps



Plugs suitable for FEMALE



Caps suitable for MALE

Size			Plug Details		Size			Cap Details	
inch	mm	dash	Part number	Colour	inch	mm	dash	Part number	Colour
1/2"	12,5	08	TM 12 S		1/2"	12,5	08	TF 12 S	
3/4"	20	12	TM 34 S		3/4"	20	12	TF 34 S	

Seal Kits



For Female

Size			Seal Details	
inch	mm	dash	Material	Part Number
1/2"	12,5	08	NBR; PTFE	SK NV 12
3/4"	20	12	NBR; PTFE	SK NV 34

Every seals kit is composed of 5 or 10 pcs.