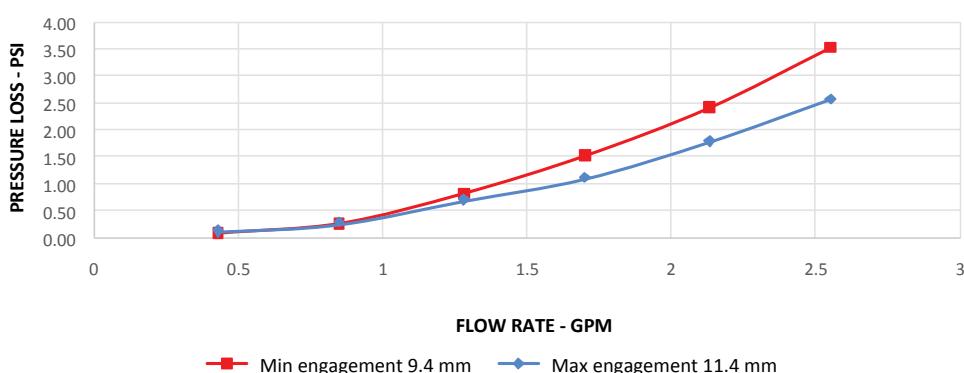


Fact Sheet

Flow and Pressure drop information for UQD04 plug to UQDB04 socket

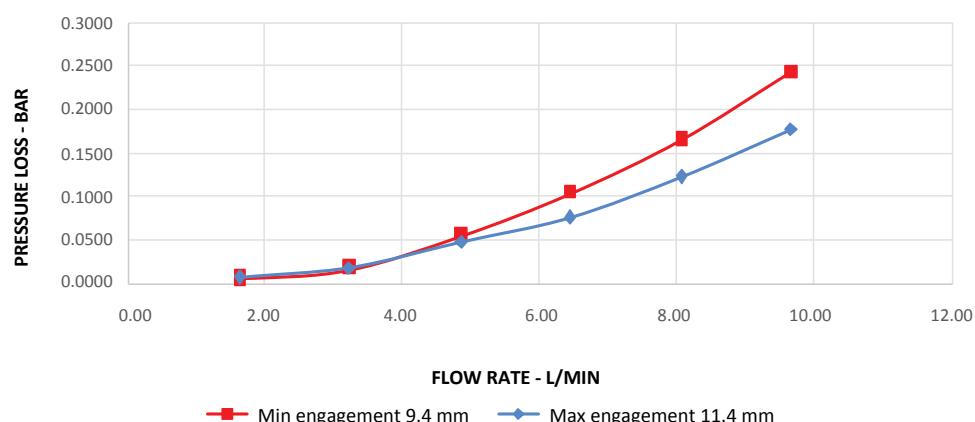
Media:	PG25	Direction:	Plug to Socket
Temp:	+40°C	Tube:	1/4

Plug:	Socket:
Part Number: 4UQP560RM	4UQBS750RM
End connection: Male 9/16-18 UNF	Male 3/4-16 UNF
Comment: Assembled on a floating box and 1/4 hose barb	-



Plug to socket - imperial		
Flow rate -GPM-	Pressure loss net -PSI- (9.4 mm)	Pressure loss net -PSI- (11.4 mm)
0.43	0.09	0.11
0.85	0.26	0.26
1.28	0.82	0.69
1.7	1.52	1.1
2.13	2.41	1.78
2.55	3.53	2.57

Metric units

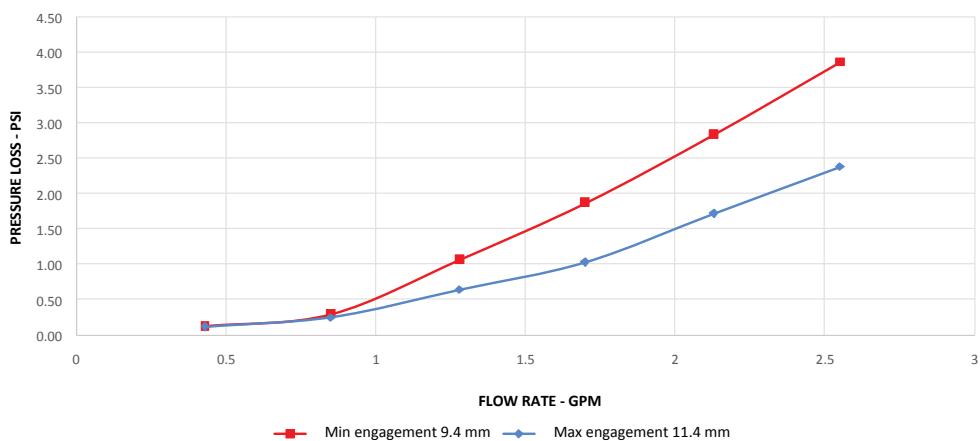


Plug to socket - metric		
Flow rate -L/MIN-	Pressure loss net -BAR- (9.4 mm)	Pressure loss net -BAR- (11.4 mm)
1.63	0.0062	0.0076
3.22	0.0179	0.0179
4.85	0.0565	0.0476
6.44	0.1048	0.0758
8.06	0.1662	0.1227
9.65	0.2434	0.1772

Media:	PG25	Direction:	Socket to plug
Temp:	+40°C	Tube:	1/4

Part Number:	4UQP560RM	Socket:	4UQBS750RM
End connection:	Male 9/16-18 UNF	Male 3/4-16 UNF	
Comment:	Assembled on a floating box and 1/4 hose barb	-	

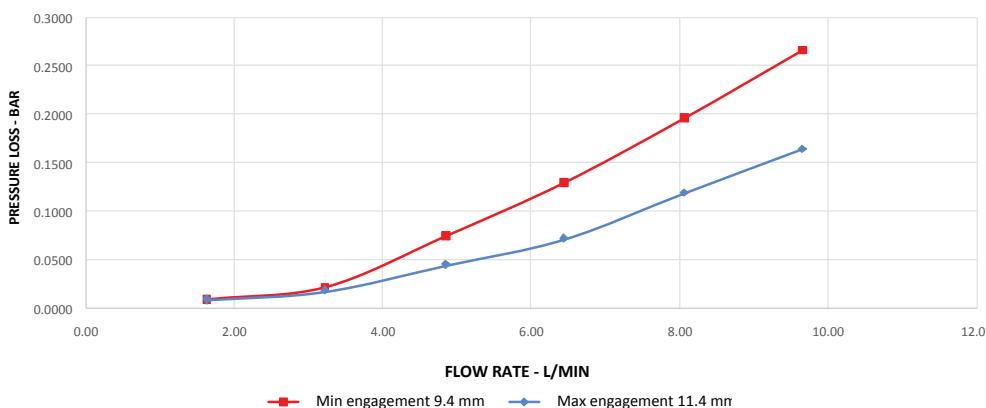
Imperial units



Socket to plug - imperial

Flow rate -GPM-	Pressure loss net -PSI- (9.4 mm)	Pressure loss net -PSI- (11.4 mm)
0.43	0.13	0.12
0.85	0.3	0.25
1.28	1.07	0.64
1.7	1.87	1.03
2.13	2.84	1.72
2.55	3.86	2.38

Metric units



Socket to plug - metric

Flow rate -L/MIN-	Pressure loss net -BAR- (9.4 mm)	Pressure loss net -BAR- (11.4 mm)
1.63	0.0083	0.009
3.22	0.0172	0.0207
4.85	0.0441	0.0738
6.44	0.071	0.1289
8.06	0.1186	0.1958
9.65	0.1641	0.2661

Revision	Author	Information
2025/02/26	Martin Maubach	Initial release

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