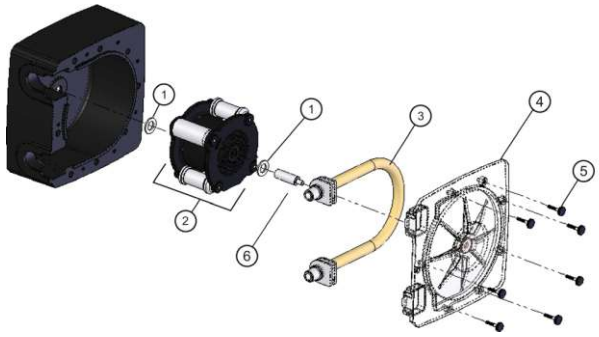
15.1 Replacement Parts

A4/M4 Replacement Parts

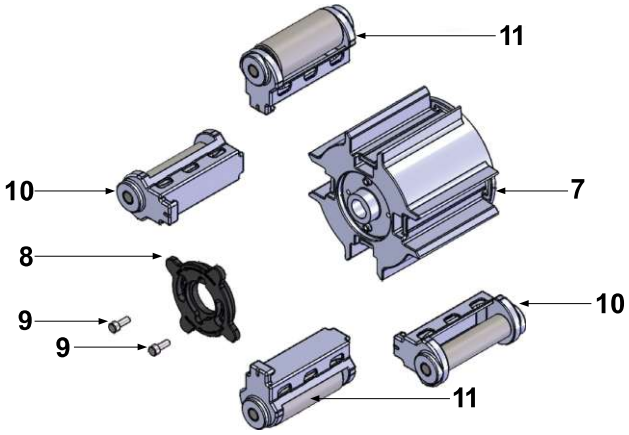
Pump Head Components		Part No.	QTY Req'd
1	Spacer	90011-217	2
2	Complete Roller Assembly		1
	NL / NP	A4-MNL-R	
	TH / TK / TKK / THH	A4-MTH-R	
	NH / NK / NHH / NHL / NHHL	A4-MNH-R	
	NKL / NKKL	A4-MNKL-R	
	GH / GK / GKK	A4-MGH-R	
3	Tubing (Reference Tubing Matrix)		1
4	Pump Head Cover	A4-SXX-C	1
5	Thumb Screws	90011-183	8
6	Shaft Extension	90007-128	1
N/S	Silicon Oil, 5 ml	A-050	1



*Pump Head not for sale. For more information please contact a local sales representative.

Roller Assembly Parts		Part No.	QTY Req'd
7	A4 ROTOR BODY*	N/A	1
8	SPIDER RING*	90002-811	1
9	10-32 CAPTIVE SCREW*	90011-341	2
	*A4 ROTOR ASSY (7,8, and 9)	A4-SXX-RB	1
10	ARM ROLLER GUIDE	71010-771	2
11	ARM ROLLER		
	NL / NP	71010-766	2
	TH / TK / TKL / THH	71010-767	2
	NH / NK / NHH / NHL / NHHL	71010-768	2
	NKL / NKKL	71010-769	2
	GH / GHH / GK /GKK	71010-770	2

*Available as part of Rotor Assy A4-SXX-RB



Quick Disconnect Fittings*		Part No.	QTY Req'd
12	Quick Disconnect Fittings		1
	.50" M/NPT FKM	KIT-QMV	
	.50" M/NPT EP	KIT-QME	
	.50" M/NPT Aflas	KIT-QMA	
	.50" Barb FKM	KIT-QBV	
	.50" Barb EP	KIT-QBE	
	.50" Barb Aflas	KIT-QBA	

*For use only with "Q" style pump tubes

12

Miscellaneous Parts*		Part No.	QTY Req'd
A	Stainless Steel Mounting Bracket	72000-379	1
B	Stainless Steel Mounting Bracket (Extended)	72000-380	1
C	Rubber Feet	90003-561	1

*Sold Separately

A

B

C

15.2 Tube Matrix

A4

FLEXFLO® Tube Assembly Part Number

A4	Tubing (for use on A4, A4S, M4, M4S pumps)

Inlet/Outlet Connection Size, Connection Type, Connection Material

M	1/2” Male NPT Fitting, Natural PVDF (Kynar)
B	1/2” ID Tubing Barb Fitting, Natural PVDF (Kynar)
Q	Quick Disconnect, Natural PVDF (Kynar). NP flow rate reduced 16.5% with Quick Disconnect connections (Valves sold separately)
C	1/2” - 3/4” Tri-clamp connections, Natural PVDF (Kynar)
MB	1/2” Male BSPT Fitting, Natural PVDF (Kynar)

Pump Tube Material, Pump Tube Size

GH	Flex-A-Thane® .312 ID	NHHL	Flex-A-Prene® .250 ID (Dual Tube)
GHH	Flex-A-Thane® .312 ID (Dual Tube)	NK	Flex-A-Prene® .375 ID
GK	Flex-A-Thane® .375 ID	NL	Flex-A-Prene® .500 ID
GKK	Flex-A-Thane® .375 ID (Dual Tube)	NP	Flex-A-Prene® .750 ID
NH	Flex-A-Prene® .250 ID	TH	Flex-A-Chem® .250 ID
NHL	Flex-A-Prene® .250 ID	TK	Flex-A-Chem® .375 ID
NHH	Flex-A-Prene® .250 ID (Dual Tube)	TKK	Flex-A-Chem® .375 ID (Dual Tube)

A4	-	M	NH	-	T	**Tube Sample Model Number**

Output Specifications

Tube Material / Size	Feed Rate			Max Speed	Max Pressure	Max Temperature
	GPH	LPH	mL/Min	RPM	PSI (bar)	°F (°C)
Flex-A-Thane® Tube						
GH	Up to 39.6	Up to 150	Up to 2500	125	65 (4.5)	130 (54)
GHH	Up to 71.0	Up to 268	Up to 4479	125	65 (4.5)	130 (54)
GK	Up to 55.5	Up to 210	Up to 3500	125	65 (4.5)	130 (54)
GKK	Up to 100	Up to 378	Up to 6300	125	65 (4.5)	130 (54)
Flex-A-Prene® Tube						
NH	Up to 28.5	Up to 108	Up to 1800	125	125 (8.6)	185 (85)
NHL	Up to 28.5	Up to 108	Up to 1800	125	65 (4.5)	185 (85)
NHH	Up to 54.0	Up to 204	Up to 3400	125	100 (6.9)	185 (85)
NHHL	Up to 54.0	Up to 204	Up to 3400	125	65 (4.5)	185 (85)
NK	Up to 50.7	Up to 192	Up to 3200	125	80 (5.5)	185 (85)
NL	Up to 100	Up to 378	Up to 6300	125	50 (3.4)	185 (85)
NP	Up to 158.5	Up to 600	Up to 10000	125	30 (2.1)	185 (85)
Flex-A-Chem® Tube						
TH	Up to 25.4	Up to 96	Up to 1603	125	30 (2.1)	130 (54)
TK	Up to 54.0	Up to 204	Up to 3400	125	30 (2.1)	130 (54)
TKK	Up to 126	Up to 477	Up to 8000	125	30 (2.1)	130 (54)