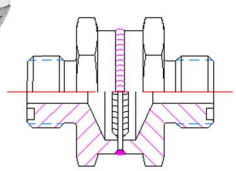
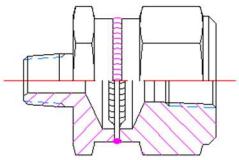
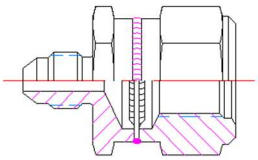
INLINE FILTER, FITTING (1.000" HEX)



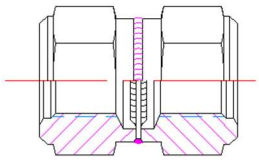
85100-6FF



85100-2MP



85100-4T6B



85100-6BB

PART NUMBER DEFINITION: 85100 - 1 2 3 4 - 5 - (MATL)

- ADD "P" FOLLOWING MAIN PART NUMBER (85100P) FOR PASSIVATION
- NOTE: IF SAME DASH SIZE IS USED ON BOTH ENDS, LABEL DASH SIZE ONCE (SEE EXAMPLE)
- STANDARD PASSIVATION: AMS 2700, METHOD 1, TYPE 2, CLASS 2
- MATERIAL: CRES PER AMS-QQ-S-763, CHEMICAL COMPOSITION ONLY
- FILTER MEDIUM: FILTER CAPABLE OF FILTERING LIQUIDS AND GASES
- FILTER MEDIA: STAINLESS STEEL WOVEN WIRE MESH
- STANDARD CONVOLUTED FILTER DISC MATERIAL: 304 CRES
- STANDARD FITTING MATERIAL: 304 CRES
- ALTERNATE FITTING MATERIAL: 303 CRES, 316 CRES & 321 CRES
- FOR ALTERNATE MATERIAL LISTED, CONSULT FACTORY FOR AVAILABILITY

ADDITIONAL PART INFORMATION:

- MICRON RATING VERIFICATION: PARTICLE CONTROL ASSURED BY BUBBLE POINT TEST PER ARP-901 PRIOR TO MANUFACTURING (AT RAW MESH LEVEL)
- CONVOLUTED FILTER DISC COLLAPSE PRESSURE: 50 PSID MIN
- EFFECTIVE FILTRATION AREA: 2.25 SQ IN. MIN
- CONSTRUCTION: CONVOLUTED FILTER DISC IS TIG WELDED TO END FITTINGS (HARDWARE)
- TIG WELD VERIFIED THROUGH PRESSURE LEAK TEST AT 100±5 PSI
- OPERATING TEMPERATURE RANGE: -180°F TO +550°F

PLEASE NOTE:

- STANDARD PARTS ARE NOT READILY AVAILABLE; HOWEVER, WE MAINTAIN INVENTORY OF SUB-COMPONENTS TO MINIMIZE DELIVERY TIME ONCE AN ORDER IS PLACED
- ANY MODIFICATIONS TO STANDARD PART WILL BE RECLASSIFIED AS A CUSTOM PART, REQUIRING A UNIQUE PART NUMBER

PART NUMBER EXAMPLES: 85100-8TT-17 OR 85100P-4M5P-40-316

Dash No 1	Tube OD	THREADS PER AS8879	PIPE THREADS PER AS71051 ANPT	FITTING END / PORT AVAILABILITY (INLET) 2	Dash No 3	FITTING END / PORT AVAILABILITY (OUTLET) 4
1	.062"	-	1/16-27 NPT	B (PORT PER AS5202)	1	B (PORT PER AS5202)
2	.125"	.3125-24UNJF-3A	1/8-27 NPT	C (COMPRESSION FITTING)	2	C (COMPRESSION FITTING)
3	.187"	.3750-24UNJF-3A	-	D (STRAIGHT THD FITTING PER AS4320)	3	D (STRAIGHT THD FITTING PER AS4320)
4	.250"	.4375-20UNJF-3A	1/4-18 NPT	F (FACE SEAL PER AS930)	4	F (FACE SEAL PER AS930)
5	.312"	.5000-20UNJF-3A	-	M (MALE PIPE THD PER AS5201)	5	M (MALE PIPE THD PER AS5201)
6	.375"	.5625-18UNJF-3A	3/8-18 NPT	P (FEMALE PIPE THD PER AS5201)	6	P (FEMALE PIPE THD PER AS5201)
8	.500"	.7500-16UNJF-3A	1/2-14 NPT	R (FLARELESS FITTING PER AS4375)	8	R (FLARELESS FITTING PER AS4375)
10	.625"	.8750-14UNJF-3A	-	T (FLARED FITTING PER AS4395)	10	T (FLARED FITTING PER AS4395)
12	.750"	1.0625-12UNJ-3A	3/4-14 NPT		12	

PROPRIETARY

INLINE FILTER, FITTING (1.000” HEX)

PART NUMBER DEFINITION: 85100 - 1 2 3 4 - 5 - (MATL)

Micron 5	When Filtering Liquids		When Filtering Gasses	
	Nominal Micron 98% Removal	Absolute Micron 100% Removal	Nominal Micron 98% Removal	Absolute Micron 100% Removal
02	2	15	1	9
05	5	18	3.5	13
10	10	25	6	18
17	17	45	11	25
40	40	65	30	55
70	70	105	50	85
105	105	150	85	130
145	145	205	120	175
250*	250	350	200	300

PROPRIETARY