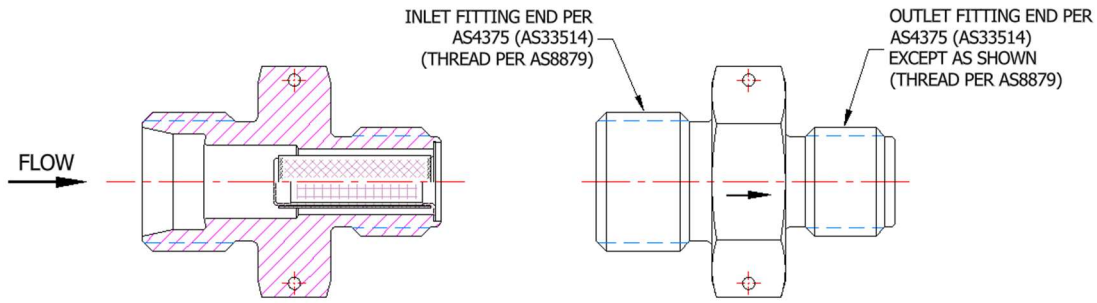




\*NOTE: SUPPORT MESH OMITTED FOR 250 MICRONS AND GREATER

## PART NUMBER DEFINITION: 84700 - 1 - 2 3 - 4

- CONSTRUCTION OF PART NUMBER:  
FIRST DASH NUMBER (INLET) SIZE **MUST** BE LARGER THAN THE SECOND DASH NUMBER (OUTLET) SIZE
- ADD "P" FOLLOWING MAIN PART NUMBER (84700P) FOR PASSIVATION
- 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: SINTERED STAINLESS STEEL WOVEN WIRE MESH
- STANDARD FILTER ELEMENT MATERIAL:  
304 CRES ONLY
- 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
- OPERATING TEMPERATURE RANGE:  
-180°F TO +550°F
- CONSTRUCTION:  
FILTER ELEMENT IS RESISTANCE WELDED AND PERMANENTLY SPIN SWAGED INTO FITTING

### 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: 84700-6-4-70 OR 84700P-5-4K-40

| Dash No <span style="border: 1px solid black; padding: 2px;">1</span> | Dash No <span style="border: 1px solid black; padding: 2px;">2</span> | Tube OD | THREADS<br>PER AS8879 | MATL. <span style="border: 1px solid black; padding: 2px;">3</span> |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------|---------|-----------------------|---------------------------------------------------------------------|
|                                                                       | 2                                                                     | .125"   | .3125-24UNJF-3A       |                                                                     |
| 3                                                                     | 3                                                                     | .187"   | .3750-24UNJF-3A       |                                                                     |
| 4                                                                     | 4                                                                     | .250"   | .4375-20UNJF-3A       | 304                                                                 |
| 5                                                                     | 5                                                                     | .312"   | .5000-20UNJF-3A       | C (303)                                                             |
| 6                                                                     | 6                                                                     | .375"   | .5625-18UNJF-3A       | K (316)                                                             |
| 8                                                                     | 8                                                                     | .500"   | .7500-16UNJF-3A       | R (321)                                                             |
| 10                                                                    | 10                                                                    | .625"   | .8750-14UNJF-3A       |                                                                     |
| 12                                                                    |                                                                       | .750"   | 1.0625-12UNJ-3A       |                                                                     |

| Micron <span style="border: 1px solid black; padding: 2px;">4</span> | When Filtering Liquids        |                                 | When Filtering Gasses         |                                 |
|----------------------------------------------------------------------|-------------------------------|---------------------------------|-------------------------------|---------------------------------|
|                                                                      | Nominal Micron<br>98% Removal | Absolute Micron<br>100% Removal | Nominal Micron<br>98% Removal | Absolute Micron<br>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                             |