

AM316-FLEX

CONSTRUCTION OF HOSE

STAINLESS STEEL LINER – INNER LAYER

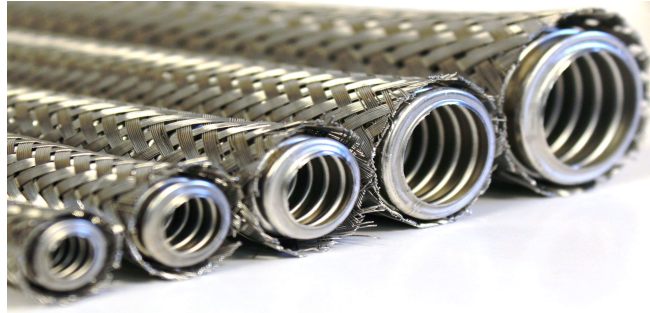
- 316 Stainless steel annular construction
- Other liners are available upon request

STAINLESS STEEL BRAID – OUTER LAYER

- Constructed of 304 braided stainless steel

FITTING OPTIONS

- Various fitting options available



BENEFITS

- Temperature range up to 1500F
- Reinforcement with one or multiple braids
- Transfer of liquids and gases at higher pressures
- Long Service Life
- 1/4" up to 12" diameter

THE FLEXFIT HOSE DIFFERENCE

- 100% Pressure tested
- Cleaned, capped, & individually bagged
- Material & test reports with every order
- All products are labeled for trace-ability
- Commitment to customer service excellence

| Part Number | Hose Size | Layer of Braids | Hose Outer Diameter | Weight | Minimum Live Length | Minimum Static Bend Radius | Maximum Working Pressure | Burst Pressure |
|-------------|-----------|-----------------|---------------------|------------|---------------------|----------------------------|--------------------------|----------------|
| 04AM0-316 | 1/4 in | 0 | 0.40 in | 0.06 lb/ft | 3.00 in | 0.630 in | 145 psig | N/A |
| 04AM1-316 | 1/4 in | 1 | 0.45 in | 0.11 lb/ft | 3.00 in | 1.000 in | 2420 psig | 9680 psig |
| 04AM2-316 | 1/4 in | 2 | 0.50 in | 0.16 lb/ft | 3.00 in | 1.000 in | 3190 psig | 12760 psig |
| 06AM0-316 | 3/8 in | 0 | 0.59 in | 0.11 lb/ft | 4.25 in | 0.870 in | 80 psig | N/A |
| 06AM1-316 | 3/8 in | 1 | 0.64 in | 0.22 lb/ft | 4.25 in | 1.5 in | 1450 psig | 5800 psig |
| 06AM2-316 | 3/8 in | 2 | 0.69 in | 0.33 lb/ft | 4.25 in | 1.5 in | 2580 psig | N/A |
| 08AM0-316 | 1/2 in | 0 | 0.75 in | 0.13 lb/ft | 4.25 in | 0.950 in | 80 psig | N/A |
| 08AM1-316 | 1/2 in | 1 | 0.81 in | 0.24 lb/ft | 4.25 in | 1.750 in | 1375 psig | 5500 psig |
| 08AM2-316 | 1/2 in | 2 | 0.87 in | 0.35 lb/ft | 4.25 in | 1.750 in | 2230 psig | 8920 psig |
| 12AM0-316 | 3/4 in | 0 | 1.00 in | 0.24 lb/ft | 4.50 in | 1.200 in | 60 psig | N/A |
| 12AM1-316 | 3/4 in | 1 | 1.07 in | 1.24 lb/ft | 4.50 in | 2.750 in | 1040 psig | 4160 psig |
| 12AM2-316 | 3/4 in | 2 | 1.14 in | 1.41 lb/ft | 4.50 in | 2.750 in | 1900 psig | 7600 psig |
| 16AM0-316 | 1 in | 0 | 1.29 in | 0.35 lb/ft | 5.50 in | 1.700 in | 60 psig | N/A |
| 16AM1-316 | 1 in | 1 | 1.39 in | 0.61 lb/ft | 5.50 in | 3.5 in | 940 psig | 3760 psig |
| 16AM2-316 | 1 in | 2 | 1.49 in | 0.87 lb/ft | 5.50 in | 3.5 in | 1480 psig | 5920 psig |
| 20AM0-316 | 1 1/4 in | 0 | 1.6 in | .430 lb/ft | 6.00 in | 2.200 in | 50 psig | N/A |
| 20AM1-316 | 1 1/4 in | 1 | 1.69 in | 0.73 lb/ft | 6.00 in | 4.250 in | 667 psig | 2268 psig |
| 20AM2-316 | 1 1/4 in | 2 | 1.78 in | 1.03 lb/ft | 6.00 in | 4.250 in | 1230 psig | 4920 psig |
| 24AM0-316 | 1 1/2 in | 0 | 1.87 in | 0.6 lb/ft | 6.25 in | 2.750 in | 35 psig | N/A |
| 24AM1-316 | 1 1/2 in | 1 | 1.96 in | 1.09 lb/ft | 6.25 in | 5.000 in | 580 psig | 2320 psig |
| 24AM2-316 | 1 1/2 in | 2 | 2.05 in | 1.58 lb/ft | 6.25 in | 5.000 in | 1045 psig | 4 psig |
| 32AM0-316 | 2 in | 0 | 2.83 in | 1.61 lb/ft | 9.00 in | 5.000 in | 17 psig | N/A |
| 32AM1-316 | 2 in | 1 | 2.89 in | 2.06 lb/ft | 9.00 in | 5.000 in | 400 psig | 1600 psig |
| 32AM2-316 | 2 in | 2 | 2.95 in | 2.51 lb/ft | 9.00 in | 5.000 in | 580 psig | 2320 psig |
| 40AM0-316 | 2 1/2 in | 0 | 3.11 in | 1.24 lb/ft | 11.00 in | 7.000 in | 6 psig | N/A |
| 40AM1-316 | 2 1/2 in | 1 | 3.21 in | 3.01 lb/ft | 11.00 in | 7.000 in | 500 psig | 2000 psig |
| 40AM2-316 | 2 1/2 in | 2 | 3.30 in | 2.78 lb/ft | 11.00 in | 7.000 in | 900 psig | 2680 psig |
| 48AM0-316 | 3 in | 0 | 3.57 in | 1.35 lb/ft | 11.00 in | 8.250 in | 4 psig | N/A |
| 48AM1-316 | 3 in | 1 | 3.69 in | 2.78 lb/ft | 11.00 in | 8.250 in | 435 psig | 1500 psig |
| 48AM2-316 | 3 in | 2 | 3.76 in | 4.21 lb/ft | 11.00 in | 8.250 in | 780 psig | 2200 psig |
| 56AM0-316 | 3 1/2 in | 0 | 4.14 in | 1.69 lb/ft | 11.50 in | 9.750 in | 3 psig | N/A |
| 56AM1-316 | 3 1/2 in | 1 | 4.26 in | 2.54 lb/ft | 11.50 in | 9.750 in | 300 psig | 1360 psig |
| 56AM2-316 | 3 1/2 in | 2 | 4.48 in | 3.4 lb/ft | 11.50 in | 9.750 in | 620 psig | 1740 psig |
| 64AM0-316 | 4 in | 0 | 4.72 in | 2.06 lb/ft | 12.00 in | 11.000 in | 2 psig | N/A |

| 64AM1-316 | 4 in | 1 | 4.82 in | 3.0 lb/ft | 12.00 in | 11.000 in | 285 psig | 1050 psig |
|-------------|-----------|-----------------|---------------------|-------------|---------------------|----------------------------|--------------------------|----------------|
| 64AM2-316 | 4 in | 2 | 4.91 in | 3.94 lb/ft | 12.00 in | 11.000 in | 465 psig | 1860 psig |
| Part Number | Hose Size | Layer of Braids | Hose Outer Diameter | Weight | Minimum Live Length | Minimum Static Bend Radius | Maximum Working Pressure | Burst Pressure |
| 80AM0-316 | 5 in | 0 | 5.86 in | 2.68 lb/ft | 13.00 in | 13.500 in | 3 psig | N/A |
| 80AM1-316 | 5 in | 1 | 5.96 in | 3.98 lb/ft | 13.00 in | 13.500 in | 350 psig | 1360 psig |
| 80AM2-316 | 5 in | 2 | 6.06 in | 5.28 lb/ft | 13.00 in | 13.500 in | 435 psig | 1740 psig |
| 96AM0-316 | 6 in | 0 | 7.00 in | 4.44 lb/ft | 14.00 in | 16 in | 3 psig | N/A |
| 96AM1-316 | 6 in | 1 | 7.10 in | 6.14 lb/ft | 14.00 in | 16 in | 210 psig | 850 psig |
| 96AM2-316 | 6 in | 2 | 7.19 in | 7.87 lb/ft | 14.00 in | 16 in | 310 psig | 1240 psig |
| 128AM0-316 | 8 in | 0 | 9.06 in | 5.7 lb/ft | 16.00 in | 20.000 in | 2 psig | N/A |
| 128AM1-316 | 8 in | 1 | 9.16 in | 9.02 lb/ft | 16.00 in | 20.000 in | 220 psig | 875 psig |
| 128AM2-316 | 8 in | 2 | 9.26 in | 12.34 lb/ft | 16.00 in | 20.000 in | 340 psig | 1360 psig |
| 160AM0-316 | 10 in | 0 | 11.19 in | 5.93 lb/ft | 24.00 in | 34.000 in | 2 psig | N/A |
| 160AM1-316 | 10 in | 1 | 11.29 in | 10.3 lb/ft | 24.00 in | 34.000 in | 185 psig | 740 psig |
| 160AM2-316 | 10 in | 2 | 11.39 in | 14.67 lb/ft | 24.00 in | 34.000 in | 330 psig | 1320 psig |
| 192AM0-316 | 12 in | 0 | 13.25 in | 7.08 lb/ft | 27.00 in | 37.000 in | 2 psig | N/A |
| 192AM1-316 | 12 in | 1 | 13.35 in | 13.62 lb/ft | 27.00 in | 37.000 in | 155 psig | 700 psig |
| 04AM2-316 | 12 in | 2 | 13.45 in | 20.16 lb/ft | 27.00 in | 37.000 in | 315 psig | 1260 psig |

PART NUMBERING

| Hose Size | Hose Type | Layer of Braids | Liner Grade | Fitting Stainless Grade | Fitting Style 1 | Fitting Stainless Grade | Fitting Style 2 | Hose Length |
|-----------|-----------|-----------------|-------------|-------------------------|---|-------------------------|---|-------------|
| 04 | AM | 0 | 316 | 304 | 02-Female JIC | 304 | 02-Female JIC | XXX |
| 06 | | 1 | | 316 | 03- Male NPT | 316 | 03- Male NPT | |
| 08 | | 2 | | | 04-Female NPSM | | 04-Female NPSM | |
| 12 | | | | | 06-Female NPT | | 06-Female NPT | |
| 16 | | | | | 07-Female NPT Union | | 07-Female NPT Union | |
| 20 | | | | | 08-Male NPT Union | | 08-Male NPT Union | |
| 24 | | | | | 10- Standard Sanitary | | 10- Standard Sanitary | |
| 32 | | | | | 11-Mini Sanitary | | 11-Mini Sanitary | |
| | | | | | 12-Flange | | 12-Flange | |
| | | | | | 16-Female Camlock | | 16-Female Camlock | |
| | | | | | 17-Male Camlock | | 17-Male Camlock | |
| | | | | | 31- Female Compression | | 31- Female Compression | |
| | | | | | 31 FN- Female Compression (Nuts & Ferrules) | | 31 FN- Female Compression (Nuts & Ferrules) | |
| | | | | | 32 -Tube Adapter | | 32 -Tube Adapter | |
| | | | | | 32FN-Pre-Swagged Tube Adapter | | 32FN-Pre-Swagged Tube Adapter | |
| | | | | | 34-Female FaceSeal | | 34-Female FaceSeal | |

Example: 08-AM1-316-31606-31631-144"

Description: 1/2" All Metal Hose with 316 Liner with 316SS Female NPT x 316SS Female Compression Fitting-144"