



## MIL A-A-59566

Military AA-59566 hoses are typically used for water suction and discharge applications on both the suction and discharge sides of water pumps. The AA-59566 specification ensures consistent performance, durability, and compatibility across military and industrial applications. Constructed to comply with the AA-59566 specification, this hose is suitable for use in municipal, industrial, and field environments. Detailed Definitions for 4 Types of AA-59566 hoses Grade A: Outer cover is weather, oil, and ozone resistant. Grade B: Outer cover is weather and ozone resistant (not oil resistant). Style A: Hose ends are designed for shank, compression, or internally expanded fittings. Class 1: Inner tube is for general water use. Class 2: Inner tube is for potable water use, compliant with FDA 21 CFR 177.2600.

### Performance + Specs

|                                                                                                                    |                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Tube</b> <ul style="list-style-type: none"><li>Styrene-Butadiene Rubber (SBR), Butadiene Rubber (BR),</li></ul> | <b>Cover</b> <ul style="list-style-type: none"><li>Styrene-Butadiene Rubber (SBR), Butadiene Rubber (BR),</li></ul> |
| <b>Reinforcement</b> <ul style="list-style-type: none"><li>Spiral-Plied Fabric, Wire Helix</li></ul>               | <b>Temperature Range</b> <ul style="list-style-type: none"><li>-25°F / -32°C ~ 180°F / 82°C</li></ul>               |
| <b>Design Factor</b> <ul style="list-style-type: none"><li>3:1</li></ul>                                           | <b>Packaging</b> <ul style="list-style-type: none"><li>Coiled &amp; Poly-Wrapped</li></ul>                          |
| <b>Coupling</b> <ul style="list-style-type: none"><li>actory Assemblies Available Upon Request</li></ul>           |                                                                                                                     |

### Branding

CONTINENTAL ?Q?? WATER SUCTION AA59566 GRADE B STYLE A CLASS 1 NOT FOR USE WITH POTABLE WATER MADE IN CANADA

## MIL A-A-59566

**Order Codes:** 542-545 (BA2), 542-619 (BA1), 542-779 (AA2), 542-121 (AA1)

### Product Numbers

| ID<br>(in) | ID<br>(mm) | Nom. OD<br>(in.) | Nom. OD<br>(mm) | Length<br>(ft) | Color | Bend<br>Radius<br>(in.) | Bend<br>Radius<br>(mm) | Vacuum<br>(in.) | Vacuum<br>(mm) | WP<br>(PSI) | WP<br>(MPa) | Weight<br>(lbs/ft) | Weight<br>(kg/m) | Part<br>Number  |
|------------|------------|------------------|-----------------|----------------|-------|-------------------------|------------------------|-----------------|----------------|-------------|-------------|--------------------|------------------|-----------------|
| 1          | 25.40      | 1.44             | 36.48           | 100            | Black | 6.00                    | 152.40                 | 29.00           | 736.60         | 100         | 0.69        | 0.56               | 0.84             | <b>21011982</b> |
| 1          | 25.40      | 1.42             | 36.08           | 100            | Black | 6.00                    | 152.40                 | 29.00           | 736.60         | 100         | 0.69        | 0.58               | 0.86             | <b>20243261</b> |
| 1          | 25.40      | 1.43             | 36.34           |                | Black | 6.00                    | 152.40                 | 29.00           | 736.60         | 100         | 0.69        | 0.57               | 0.84             | <b>21106119</b> |
| 1-1/4      | 31.75      | 1.68             | 42.68           | 100            | Black | 7.50                    | 190.50                 | 29.00           | 736.60         | 100         | 0.69        | 0.68               | 1.01             | <b>20287970</b> |
| 1-1/2      | 38.10      | 1.95             | 49.63           | 100            | Black |                         |                        |                 |                | 100         | 0.69        | 0.85               | 1.26             | <b>20844060</b> |
| 1-1/2      | 38.10      | 1.94             | 49.17           | 100            | Black | 9.00                    | 228.60                 | 29.00           | 736.60         | 100         | 0.69        | 0.79               | 1.18             | <b>20783149</b> |
| 1-1/2      | 38.10      | 1.92             | 48.83           | 100            | Black | 9.00                    | 228.60                 | 29.00           | 736.60         | 100         | 0.69        | 0.84               | 1.25             | <b>20243263</b> |
| 1-1/2      | 38.10      | 1.97             | 50.13           | 200            | Black | 9.00                    | 228.60                 | 29.00           | 736.60         | 100         | 0.69        | 0.91               | 1.36             | <b>20220845</b> |
| 2          | 50.80      | 2.43             | 61.74           | 100            | Black | 12.00                   | 304.80                 | 29.00           | 736.60         | 100         | 0.69        | 1.18               | 1.75             | <b>20528134</b> |
| 2          | 50.80      | 2.46             | 62.54           | 100            | Black |                         |                        |                 |                | 100         | 0.69        | 1.19               | 1.77             | <b>20492912</b> |
| 2          | 50.80      | 2.45             | 62.14           | 20             | Black | 12.00                   | 304.80                 | 29.00           | 736.60         | 100         | 0.69        | 1.22               | 1.81             | <b>20669326</b> |
|            |            |                  |                 | 100            | Black | 12.00                   | 304.80                 | 29.00           | 736.60         | 100         | 0.69        | 1.15               | 1.71             | <b>20477633</b> |
| 2-1/2      | 63.50      | 2.96             | 75.24           | 100            | Black | 15.00                   | 381.00                 | 29.00           | 736.60         | 100         | 0.69        | 1.53               | 2.28             | <b>20770652</b> |
| 3          | 76.20      | 3.49             | 88.70           | 100            | Black | 18.00                   | 457.20                 | 29.00           | 736.60         | 100         | 0.69        | 1.92               | 2.86             | <b>20821746</b> |
|            |            |                  |                 | 100            | Black | 18.00                   | 457.20                 | 29.00           | 736.60         | 100         | 0.69        | 2.02               | 3.00             | <b>20345921</b> |
| 4          | 101.60     | 4.51             | 114.65          | 100            | Black | 24.00                   | 609.60                 | 29.00           | 736.60         | 100         | 0.69        | 2.81               | 4.18             | <b>20297483</b> |
| 4          | 101.60     | 4.60             | 116.79          | 100            | Black | 24.00                   | 609.60                 | 29.00           | 736.60         | 100         | 0.69        | 2.86               | 4.26             | <b>20637670</b> |
| 4          | 101.60     | 4.58             | 116.39          | 100            | Black | 24.00                   | 609.60                 | 29.00           | 736.60         | 100         | 0.69        | 2.92               | 4.34             | <b>20243264</b> |