

Defense standards (Mil-Specs) evolved from the need to make certain that proper performance of military equipment was upheld, and to standardize equipment and processes.

However, the rapid growth of standards created imposed unnecessary restrictions, increased costs to contractors and hindered the integration of the latest technology. Due to the mounting criticism, the Dept. of Defense encouraged the use of industry standards, such as ISO 9000 series for quality, SAE standards such as Aerospace Standards (e.g. AS33671), & others.

It then became necessary for systems to use performance specifications that described the features and performance required of the component, as opposed to how those objectives were met.

The Society of Automotive engineers (SAE) provides a setting for manufacturers, government agencies, research institutions and consultants to formulate technical standards and recommended practices for the design, fabrication and attributes of components.



| Mil-Spec<br>Part Number | ACT<br>Part Number | Color      |
|-------------------------|--------------------|------------|
| MS3367-1-0              | AL-07-50-0         | UV Black   |
| MS3367-1-9              | AL-07-50-9         | Natural    |
| MS3367-1-1              | AL-07-50-1         | Brown      |
| MS3367-1-2              | AL-07-50-2         | Red        |
| MS3367-1-3              | AL-07-50-3         | Orange     |
| MS3367-1-4              | AL-07-50-4         | Yellow     |
| MS3367-1-5              | AL-07-50-5         | Green      |
| MS3367-1-6              | AL-07-50-6         | Blue       |
| MS3367-1-7              | AL-07-50-7         | Purple     |
| MS3367-1-8              | AL-07-50-8         | Gray       |
| MS3367-1-10             | AL-07-50-18        | Pink       |
| MS3367-1-11             | AL-07-50-30        | HS Black   |
| MS3367-1-12             | AL-07-50-32        | HS Natural |
| MS3367-2-0              | AL-14-50-0         | UV Black   |
| MS3367-2-9              | AL-14-50-9         | Natural    |
| MS3367-2-1              | AL-14-50-1         | Brown      |
| MS3367-2-2              | AL-14-50-2         | Red        |
| MS3367-2-3              | AL-14-50-3         | Orange     |
| MS3367-2-4              | AL-14-50-4         | Yellow     |
| MS3367-2-5              | AL-14-50-5         | Green      |
| MS3367-2-6              | AL-14-50-6         | Blue       |
| MS3367-2-7              | AL-14-50-7         | Purple     |
| MS3367-2-8              | AL-14-50-8         | Gray       |
| MS3367-2-10             | AL-14-50-18        | Pink       |
| MS3367-2-11             | AL-14-50-30        | HS Black   |
| MS3367-2-12             | AL-14-50-32        | HS Natural |

| Mil-Spec<br>Part Number | ACT<br>Part Number | Color      |
|-------------------------|--------------------|------------|
| MS3367-3-0              | AL-14-120-0        | UV Black   |
| MS3367-3-9              | AL-14-120-9        | Natural    |
| MS3367-3-1              | AL-14-120-1        | Brown      |
| MS3367-3-2              | AL-14-120-2        | Red        |
| MS3367-3-3              | AL-14-120-3        | Orange     |
| MS3367-3-4              | AL-14-120-4        | Yellow     |
| MS3367-3-5              | AL-14-120-5        | Green      |
| MS3367-3-6              | AL-14-120-6        | Blue       |
| MS3367-3-7              | AL-14-120-7        | Purple     |
| MS3367-3-8              | AL-14-120-8        | Gray       |
| MS3367-3-10             | AL-14-120-18       | Pink       |
| MS3367-3-11             | AL-14-120-30       | HS Black   |
| MS3367-3-12             | AL-14-120-32       | HS Natural |
| MS3367-4-0              | AL-04-18-0         | UV Black   |
| MS3367-4-9              | AL-04-18-9         | Natural    |
| MS3367-4-1              | AL-04-18-1         | Brown      |
| MS3367-4-2              | AL-04-18-2         | Red        |
| MS3367-4-3              | AL-04-18-3         | Orange     |
| MS3367-4-4              | AL-04-18-4         | Yellow     |
| MS3367-4-5              | AL-04-18-5         | Green      |
| MS3367-4-6              | AL-04-18-6         | Blue       |
| MS3367-4-7              | AL-04-18-7         | Purple     |
| MS3367-4-8              | AL-04-18-8         | Gray       |
| MS3367-4-10             | AL-04-18-18        | Pink       |
| MS3367-4-11             | AL-04-18-30        | HS Black   |
| MS3367-4-12             | AL-04-18-32        | HS Natural |
|                         |                    |            |

| Mil-Spec<br>Part Number | ACT<br>Part Number | Color      |
|-------------------------|--------------------|------------|
| MS3367-5-0              | AL-05-40-0         | UV Black   |
| MS3367-5-9              | AL-05-40-9         | Natural    |
| MS3367-5-1              | AL-05-40-1         | Brown      |
| MS3367-5-2              | AL-05-40-2         | Red        |
| MS3367-5-3              | AL-05-40-3         | Orange     |
| MS3367-5-4              | AL-05-40-4         | Yellow     |
| MS3367-5-5              | AL-05-40-5         | Green      |
| MS3367-5-6              | AL-05-40-6         | Blue       |
| MS3367-5-7              | AL-05-40-7         | Purple     |
| MS3367-5-8              | AL-05-40-8         | Gray       |
| MS3367-5-10             | AL-05-40-18        | Pink       |
| MS3367-5-11             | AL-05-40-30        | HS Black   |
| MS3367-5-12             | AL-05-40-32        | HS Natural |
| MS3367-6-0              | AL-30-120-0        | UV Black   |
| MS3367-6-9              | AL-30-120-9        | Natural    |
| MS3367-7-0              | AL-11-50-0         | UV Black   |
| MS3367-7-9              | AL-11-50-9         | Natural    |
| MS3367-7-1              | AL-11-50-1         | Brown      |
| MS3367-7-2              | AL-11-50-2         | Red        |
| MS3367-7-3              | AL-11-50-3         | Orange     |
| MS3367-7-4              | AL-11-50-4         | Yellow     |
| MS3367-7-5              | AL-11-50-5         | Green      |
| MS3367-7-6              | AL-11-50-6         | Blue       |
| MS3367-7-7              | AL-11-50-7         | Purple     |
| MS3367-7-8              | AL-11-50-8         | Gray       |
| MS3367-7-10             | AL-11-50-18        | Pink       |

| Mil-Spec<br>Part Number | ACT<br>Part Number | Color      |
|-------------------------|--------------------|------------|
| MS3367-7-11             | AL-11-50-30        | HS Black   |
| MS3367-7-12             | AL-11-50-32        | HS Natural |
| MS3367-10-0             | AL-24-175-0        | UV Black   |
| MS3367-10-9             | AL-24-175-9        | Natural    |
| MS3367-13-0             | AL-36-175-0        | UV Black   |
| MS3367-13-9             | AL-36-175-9        | Natural    |
| MS3367-16-0             | AL-48-175-0        | UV Black   |
| MS3367-16-9             | AL-48-175-9        | Natural    |
| MS3367-16-8             | AL-48-175-8        | Gray       |

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