





































|   | YARN          | PMS          |
|---|---------------|--------------|
|    | BLACK         | 67138 ---    |
|    | SMOKE         | 67201 425    |
|    | SILVER GRAY   | 67137 422    |
|    | WHITE         | 67101 --     |
|    | AF YELLOW     | 67103 116    |
|    | YELLOW        | 67108 123    |
|    | GOLDEN ORANGE | 67109 1375   |
|    | ORANGE        | 67110 1655   |
|    | MC SCARLET    | 67154 185    |
|    | SCARLET       | 67111 200    |
|    | CRIMSON       | 67112 220    |
|    | BRICK RED     | 67113 202    |
|    | GARNET        | 67158 209    |
|    | MAROON        | 67114 504    |
|    | PURPLE        | 67115 267    |
|    | BRITTANY      | 67119 551    |
|   | BLUEBIRD      | 67117 542    |
|  | ORIENTAL      | 67172 285    |
|  | LIGHT BLUE    | 67120 5415   |
|  | ULTRAMARINE   | 67118 REFLEX |
|  | COBALT BLUE   | 67122 281    |
|  | FLAG          | 67124 282    |
|  | OLD GLORY     | 67178 280    |
|  | GROTTO BLUE   | 67165 3115   |
|  | TEAL          | 67121 3035   |
|  | MOSSTONE      | 67127 377    |
|  | EMERALD       | 67128 369    |
|  | IRISH         | 67189 348    |
|  | GREEN         | 67129 357    |
|  | SPRUCE GREEN  | 67130 3302   |
|  | BOTTLE GR     | 67191 343    |
|  | ARMY GR       | 67131 553    |
|  | OLIVE DRAB    | 67133 455    |
|  | NATURAL       | 67192 454    |
|  | KHAKI         | 67193 452    |
|  | BUFF          | 67135 465    |

## Color List

Pantone Matching System #'s are used to establish a yarn color conversion list.

*See below for milspec chart*

The method used to sort ribbons is:

1=Black

2=Blue, Bluebird

3=Brown,,Buff, Bronze, Mahogany, Natural, Smoke, Terra Cotta, Toast.

4=Gray, Putty

5=Green, Mintleaf

6=Red, Burgundy, Crimson, Garnet, Maroon, Marine Corps Scarlet, Paprica, Purple, Scarlet

7=White, Eggshell, Ivory, Silver

8=Yellow, Chamois, Gold, Jasmine, Orange

ALPHABETICAL ORDER IS FOLLOWED IN DATABASE. Example: B,Y,R=2,8,6 White/Yellow=7.8 Yellow/White=7.8. A Ribbon=R,W,B is sorted Blue first & is found under Blue.An =(equal sign) means complete width listed, rest are listed to center.

### BLACK=BK

#### BLUE=B

|                              |                                |
|------------------------------|--------------------------------|
| Bb =Brittany Blue-----551    | BB =BLUEBIRD-----542           |
| Bc =Cannes Blue-----542      | Ba =Colbat Blue-----281        |
| Br =Corsaire Blue-----288    | Bd =Dark Blue-----539          |
| Bf =Flag Blue-----282        | Bh =Forget-me-not-Blue-----304 |
| Bg =Graphite Blue-----539    | B3 =Grotto Blue-----3115       |
| Bi =Imperial Blue-----293    | Bq =Blue HQ-----5445           |
| Bx =Blue HX-----289          | Bl =Light Blue-----5415        |
| Bm =Midnight Blue-----539    | Bv =Navy Blue #1-----282       |
| Bv =Navy Blue #2-----282     | Bo =Oriental Blue-----285      |
| Bn =Old China Blue-----542   | B4 =Old Glory Blue-----280     |
| B5 =Old Blue-----429         | Bs =Ostende Blue-----542       |
| Bp =Parrot Blue-----318      | Bk =Peacock Blue-----313       |
| B6 =River Blue -----562      | Bt =Turquoise Blue-----3105    |
| Be =Teal Blue-----3035       | Bu =Ultramarine Blue-REFLEX B. |
| Bun=United Nations Blue      | B1 =Victory Medal#1 Blue--301  |
| B2 =Victory Medal#2 Blue-301 | By =Yale Blue-----285          |

### BRONZE=BZ-----874

|                          |                         |
|--------------------------|-------------------------|
| BROWN=BN-----161         | BNb =BUFF-----465       |
| BNe =EGGSHELL-----468    | BNg =Gold Brown-----471 |
| BNm =MAHOGANY-----491    | BNn =NATURAL-----454    |
| BNs =Spice Brown-----168 | BNk =SMOKE-----425      |
| BNt =TERRA COTTA-----174 | BNo =TOAST-----154      |

|                          |                           |
|--------------------------|---------------------------|
| GOLD=GO-----872          | GOl =Golden Light-----135 |
| GOn =Nugget Gold-----109 | GOo =Old Gold-----871     |
| GOc =CHAMOIS-----141     |                           |

|                    |                          |
|--------------------|--------------------------|
| GRAY=GR            | GRg =Grebe Gray-----425  |
| GRp =PUTTY-----407 | GRs =Silver Gray-----422 |
| GRt =STEEL-----430 |                          |

|                             |                           |
|-----------------------------|---------------------------|
| GREEN=G-----357             | Ga =Army Green-----553    |
| Gc =ASPIC Green-----397     | Gb =Bottle Green-----343  |
| Ge = EMERALD-----369        | Gg =Gherkin Green-----364 |
| Gi =Irish Green-----348     | Gk =KHAKI-----452         |
| Gl = Light Green-----5575   | Gm =MINT LEAF -----367    |
| Gn =MossStone Green-----377 | Gy =Myrtle Green-----356  |
| Go =OLIVE-----574           | Gd =OLIVE DRAB-----455    |
| Gp =Primitive Green-----347 | Gr =Prophet Green-----361 |
| Gs =Spring Green-----374    | Gu =Spruce Green-----3302 |
| Gt =Tarragon Green-----5773 |                           |

|                            |                           |
|----------------------------|---------------------------|
| ORANGE=O-----1655          | Ob =Burnt Orange-----166  |
| Og =Golden Orange-----1375 | Oo =Oriole Orange-----152 |
| Or =Reddish Orange         |                           |

|                  |                             |
|------------------|-----------------------------|
| PURPLE=P-----267 | Pi =Imperial Purple-----254 |
|------------------|-----------------------------|

### RED=R Ri =Artillery Red

|                           |                              |
|---------------------------|------------------------------|
| Ra =Apple Red-----199     | Rb =Brick Red-----202        |
| Rc =Cardinal Red-----200  | Rn =CRIMSON-----220          |
| Rf =Flame Red-----178     | Rt =GARNET-----209           |
| Rm =MAROON-----504        | Re =Marine Corps Scarlet-185 |
| Rg =Old Glory Red-----200 | Rp =PAPRICA-----172          |
| Rr =Rally Red-----209     | Rs =SCARLET-----200          |

Rd =Soldier Red-----209

YELLOW=Y-----123

Ya =Air Force Yellow-----116

Yg =Golden Yellow-----116

Yj =JASMINE-----134

Yl =Lemon Yellow-----114

Ys =Star Yellow-----115

WHITE=W Wi =IVORY-----000

Wm=McAntique White-----461

### The Institute of Heraldry Color Conversion Chart

The below chart was made using MS Word by Steve Haskins from the conversion chart which I obtained from the Institute of Heraldry and which I sent him a copy of.

| COLOR                 | cable#<br>yarn | cable#<br>Textile | Chip<br># | PMS # | Sample<br>Color | FS595 | Primary<br>Branch # | Secondary<br>Branch # |
|-----------------------|----------------|-------------------|-----------|-------|-----------------|-------|---------------------|-----------------------|
| *AIR FORCE YELLOW     |                |                   |           | 116   |                 | 13655 |                     |                       |
|                       | 67103          | 80068/65023       | 8         |       |                 |       |                     |                       |
| APPLE RED             | 67153          | 80107             |           | 199   |                 | 11350 |                     |                       |
| *ARMY GREEN (UNIFORM) | 67131          |                   |           | 553   |                 | 14036 |                     |                       |
| ASPIC GREEN           | 67184          |                   |           | 397   |                 | 13670 |                     |                       |
| *BLACK                | 67138          | 65018             | 26        |       |                 | 17038 | CHAP                |                       |
| BLUE HQ               | 67116          | 80011             |           | 5445  |                 | 16515 |                     |                       |
| BLUE HN               | 67123          | 65019             |           | 289   |                 | 15048 |                     |                       |
| *BLUE TURQUOISE       | 67162          | 80021             |           | 3105  |                 |       |                     |                       |
| *BLUEBIRD             | 67117          | 70211             | 33        | 542   |                 | 15092 |                     |                       |
| *BOTTLE GREEN         | 67191          | 80066             | 12        | 343   |                 | 14109 | SF, PSYSOP          |                       |
| *BRICK RED            | 67113          | 65020             | 3         | 202   |                 | 11136 | TRANS               |                       |
| *BRITTANY BLUE        | 67119          | 80130             | 34        | 551   |                 | 15526 |                     |                       |
| BRONZE                | 67147          | 80111             |           | 874   |                 |       |                     |                       |
| *BROWN                | 67136          | 65016             |           | 161   |                 | 10055 | WO                  |                       |
| *BUFF                 | 67135          | 65015             | 35        | 465   |                 | 10371 | QM                  |                       |
| BURNT ORANGE          | 67149          | 80112             |           | 166   |                 | 12246 |                     |                       |
| CANNES BLUE           | 67171          |                   |           | 542   |                 | 15182 |                     |                       |
| CARDINAL RED          | 67155          | 80081             |           | 200   |                 | 11086 |                     |                       |
| CHAMOIS               | 67142          | 80006             |           | 141   |                 | 13594 |                     |                       |
| *COBALT BLUE          | 67122          | 65011             | 20        | 281   |                 | 15050 | CHEM                |                       |
| CORSAIRE BLUE         | 67177          |                   |           | 288   |                 | 15056 |                     |                       |
| *CRIMSON              | 67112          | 65013             | 4         | 220   |                 |       | MAINT, ORD          |                       |
| *DARK BLUE            | 67126          | 65012             | 20        | 539   |                 | 15042 | AG, IG, JAG         |                       |
| EGGSHELL              | 67141          | 80004             |           | 468   |                 | 13690 |                     |                       |
| *EMERALD              | 67128          | 80063             |           | 369   |                 |       |                     |                       |
| *FLAG BLUE            | 67124          | 80077             |           | 282   |                 | 15048 |                     |                       |
| FLAME RED             | 67152          | 80030             |           | 178   |                 |       |                     |                       |
| *FORGET-ME-NOT BLUE   | 67168          | 80012             |           | 304   |                 |       |                     |                       |
| *GARNET               | 67158          | 80083             | 3         | 209   |                 |       |                     |                       |
| GHERKIN GREEN         | 67183          |                   | 13        | 364   |                 | 14187 |                     |                       |
| *GOLD                 | 67106          | 80110             |           | 872   |                 | 13637 |                     |                       |
| *GOLD BROWN           | 67194          | 80166             | 36        | 471   |                 | 12160 |                     |                       |
| *GOLDEN ORANGE        | 67109          | 65003             |           | 1375  |                 | 12300 |                     | AVN                   |
| *GOLDEN YELLOW        | 67104          |                   | 31        | 116   |                 | 13655 |                     | CHEM, FIN<br>TRANS    |
| *GOLDENLIGHT          | 67107          |                   |           | 135   |                 | 13695 |                     |                       |
| *GRAPHITE BLUE        | 67181          | 70114             |           | 539   |                 | 15048 |                     |                       |
| GREBE GRAY            | 67200          | 80096             |           | 425   |                 | 16081 |                     |                       |
| *GREEN                | 67129          | 65007             | 12        | 357   |                 | 14110 | MP                  |                       |
| *GROTTO BLUE          | 67165          | 80022             |           | 3115  |                 |       |                     |                       |
| IMPERIAL BLUE         | 67175          |                   |           | 293   |                 | 15095 |                     |                       |
| IMPERIAL PURPLE       | 67161          | 80102             |           | 254   |                 | 17155 |                     |                       |
| *IRISH GREEN          | 67189          | 80120             |           | 348   |                 | 14120 |                     |                       |
| IVORY                 | 67140          | 80003             |           |       |                 | 17886 |                     |                       |
| JASMINE               | 67143          | 80067             |           | 134   |                 | 13695 |                     |                       |
| *KHAKI                | 67193          | 80162             |           | 452   |                 | 13522 |                     |                       |
| *LEMON YELLOW         | 67144          | 80090             |           | 114   |                 | 13591 |                     |                       |
| *LIGHT BLUE           | 67120          | 65014             | 33        | 5415  |                 | 15177 | INF                 | IG                    |
| LIGHT GREEN           | 67132          |                   |           | 5575  |                 | 14516 |                     |                       |

|                       |       |             |       |             |  |       |                   |         |
|-----------------------|-------|-------------|-------|-------------|--|-------|-------------------|---------|
| MC ANTIQUE WHITE      | 67139 |             |       | 461         |  |       |                   |         |
| MAHOGANY              | 67160 | 80150       |       | 491         |  | 10076 |                   |         |
| *MARINE CORPS SCARLET | 67154 |             | 6     | 185         |  | 10049 |                   |         |
| *MAROON               | 67114 | 65017       |       | 504         |  | 11302 | MED               |         |
| MIDNIGHT BLUE         | 67125 | 80062       | 10    | 539         |  | 15044 |                   |         |
| *MINTLEAF             | 67186 |             |       | 367         |  |       |                   |         |
| *MOSSTONE GREEN       | 67127 | 65022       |       | 377         |  |       |                   |         |
| MYRTLE GREEN          | 67190 | 80065       |       | 356         |  | 14110 |                   |         |
| *NATURAL              | 67192 | 80008       |       | 454         |  |       |                   |         |
| NAVY BLUE #1          | 67179 | 80174       |       | 282         |  | 15048 |                   |         |
| NAVY BLUE #2          | 67180 | 70089       |       | 282         |  | 15048 |                   |         |
| NUGGET GOLD           | 67146 | 70215       |       | 109         |  |       |                   |         |
| *OLD BLUE             | 67167 | 80157       |       | 429         |  |       |                   |         |
| OLD CHINA BLUE        | 67169 | 80131       |       | 542         |  |       |                   |         |
| OLD GLORY BLUE        | 67178 | 80075       |       | 280         |  | 15056 |                   |         |
| OLD GLORY RED         | 67156 | 80108       |       | 200         |  | 11086 |                   |         |
| *OLD GOLD             | 67105 | 80109/65021 | 8     | 871         |  | 13637 |                   |         |
| *OLIVE                | 67134 | 80144       |       | 574         |  | 14097 |                   |         |
| *OLIVE DRAB           | 67133 | 66021       |       | 455         |  |       |                   |         |
| *ORANGE               | 67110 | 65004       | 7     | 1655        |  | 12246 | SIG               |         |
| *ORIENTAL BLUE        | 67172 | 80176       | 30    | 285         |  | 15182 | MI                |         |
| ORIOLE ORANGE         | 67148 |             |       | 152         |  | 12243 |                   |         |
| OSTENDE BLUE          | 67170 |             |       | 542         |  | 15182 |                   |         |
| PAPRICA               | 67151 | 80041       |       | 172         |  | 12246 |                   |         |
| PARROT BLUE           | 67163 | 80175       |       | 318         |  |       |                   |         |
| PEACOCK BLUE          | 67166 | 80023       |       | 313         |  | 15125 |                   |         |
| PRIMITIVE GREEN       | 67188 | 80119       |       | 347         |  | 14193 |                   |         |
| PROPHET GREEN         | 67187 |             |       | 361         |  | 14193 |                   |         |
| *PURPLE               | 67115 | 65009       | 22,23 | 267         |  |       | CA                |         |
| PUTTY                 | 67197 | 80097       |       | 407         |  |       |                   |         |
| RALLY RED             | 67159 |             |       | 209         |  |       |                   |         |
| RIVER BLUE            | 67164 | 80134       |       | 562         |  | 15193 |                   |         |
| *SCARLET              | 67111 | 65006       | 1     | 200         |  | 11350 | ADA, ARTY,<br>ENG | AG      |
| *SILVER GRAY          | 67137 | 65008       | 27    | 422         |  | 16492 | FIN               | MI, SF  |
| *SMOKE                | 67201 | 80099       |       | 425         |  | 16081 |                   |         |
| SOLDIER RED           | 67157 |             |       | 209         |  |       |                   |         |
| *SPICEBROWN           | 67196 | 80129       | 32,25 | 168         |  | 10075 |                   |         |
| SPRING GREEN          | 67185 | 80061       |       | 374         |  |       |                   |         |
| *SPRUCE GREEN         | 67130 | 80066       | 11    | 3302        |  | 14066 |                   |         |
| STAR YELLOW           | 67145 |             |       | 115         |  | 13591 |                   |         |
| *STEEL                | 67199 | 80141       |       | 430         |  | 16251 |                   |         |
| *TARRAGON GREEN       | 67182 | 80034       |       | 5773        |  | 14449 |                   |         |
| *TEAL BLUE            |       | 65024       | 14    | 3035        |  |       | CSGM              |         |
| TERRA COTTA           | 67150 | 80113       |       | 174         |  | 12160 |                   |         |
| TOAST                 | 67195 | 80128       |       | 154         |  | 10115 |                   |         |
| *ULTRAMARINE BLUE     | 67118 | 65010       | 18    | Reflex Blue |  |       | AVN               |         |
| VICTORY MEDAL BLUE #1 | 67173 |             |       | 301         |  | 15180 |                   |         |
| VICTORY MEDAL BLUE #2 | 67174 |             |       | 301         |  | 15180 |                   |         |
| *WHITE                | 67101 | 65005       | 28    |             |  | 17925 |                   | SEVERAL |
| YALE BLUE             | 67176 | 80172       |       | 285         |  | 15095 |                   |         |
| *YELLOW               | 67108 | 65002       | 31    | 123         |  | 13538 | ARMR, CAV         | MP, ORD |

## NOTES:

1. Yarn numbers are used for embroidered items (i.e. patches, detail areas of flags)
2. Textile numbers are used for cloth items (i.e. flags).
3. Chip numbers are used for enamel type items (i.e. DUIs (Distinctive Unit Insignias), badges, pins).
4. PMS (Pantone Matching System) numbers are used for graphic applications (i.e. printed material, decals).
5. Federal Standard (FS 595) numbers are used for painted (enamel) items (i.e. signs, plaques).
6. PMS numbers may be used for color matching in the absence of other standards.

\* Designates yarn colors commonly used in shoulder sleeve insignia and other patches

## Abbreviation Key

|                           |                             |                                |
|---------------------------|-----------------------------|--------------------------------|
| ADA=Air Defense Artillery | CSGM=Command Sergeant Major | MP=Military Police             |
| AG=Adjutant General       | ENGR=Engineer               | ORD=Ordnance                   |
| ARMR=Armor                | FIN=Finance                 | PSYOP=Psychological Operations |

|                  |                            |                      |
|------------------|----------------------------|----------------------|
| ARTY=Artillery   | IG=Inspector General       | QM=Quartermaster     |
| AVN=Aviation     | INF=Infantry               | SF=Special Forces    |
| CA=Civil Affairs | JAG=Judge Advocate General | SIG=Signal           |
| CAV=Cavalry      | MAINT=Maintenance          | TRANS=Transportation |
| CHAP=Chaplain    | MED=Medical                | WO=Warrant Officer   |
| CHEM=Chemical    | MI=Military Intelligence   |                      |

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