

# STOW 600v Portable Cord, PVC Oil Resistant, Hard Duty

STOW Hard Duty PVC Cord      PVC Insulation/PVC Outer jacket--**oil resistant**, sunlight and water resistant jacket. 600v 105C Class K stranded bare copper conductor per ASTM B3 and B174. (Class M for 18 AWG.) Standard jacket colors: Black and yellow. Colors on demand are available.

UL: STOW, 600v 105C VW-1  
CUL: STOW, 600v 105C FT2

| Standards          | Alternative Constructions    | Applications:                                                            |
|--------------------|------------------------------|--------------------------------------------------------------------------|
| UL 62              | Tinned copper conductor      | Oil resistant outer jacket for use in environments where oil is present. |
| CSA 22.2           | Overcoat conductor           | Motor controls, lighting, tools,                                         |
| CSA Flame test FT2 | Topcoat conductor            | large appliances                                                         |
| RoHS compliant     | CSA Flame test FT1 available |                                                                          |

|             |                          |  |
|-------------|--------------------------|--|
| Color code: |                          |  |
| 2-conductor | white, black             |  |
| 3-conductor | white, black, green      |  |
| 4-conductor | white, black, red, green |  |

| AWG | No. of Conductors | Copper Stranding |          | Nominal Insulation Thickness |      | Nominal Outer Jacket Thickness |       | Cable Outer Diameter |      | Cable Weight |         | Ampacity * |
|-----|-------------------|------------------|----------|------------------------------|------|--------------------------------|-------|----------------------|------|--------------|---------|------------|
|     |                   | (AWG)            | (mm)     | (in)                         | (mm) | (in)                           | (mm)  | (in)                 | (mm) | (lbs./kft)   | (kg/km) |            |
| 18  | 2                 | 41/34            | 41/0.16  | 0.030                        | 0.76 | 0.600                          | 15.24 | 0.350                | 8.9  | 60           | 90      | 10         |
|     | 3                 | 41/34            | 41/0.16  | 0.030                        | 0.76 | 0.060                          | 1.52  | 0.365                | 9.3  | 72           | 108     | 10         |
|     | 4                 | 41/34            | 41/0.16  | 0.030                        | 0.76 | 0.060                          | 1.52  | 0.395                | 10.0 | 85           | 127.5   | 7          |
| 16  | 2                 | 26/30            | 26/0.25  | 0.030                        | 0.76 | 0.060                          | 1.52  | 0.375                | 9.5  | 76           | 114     | 13         |
|     | 3                 | 26/30            | 26/0.25  | 0.030                        | 0.76 | 0.060                          | 1.52  | 0.395                | 10.0 | 90           | 135     | 13         |
|     | 4                 | 26/30            | 26/0.25  | 0.030                        | 0.76 | 0.060                          | 1.52  | 0.425                | 10.8 | 107          | 160.5   | 10         |
| 14  | 2                 | 41/30            | 41/0.25  | 0.045                        | 1.14 | 0.080                          | 2.03  | 0.505                | 12.8 | 120          | 180     | 18         |
|     | 3                 | 41/30            | 41/0.25  | 0.045                        | 1.14 | 0.080                          | 2.03  | 0.535                | 13.6 | 156          | 234     | 18         |
|     | 4                 | 41/30            | 41/0.25  | 0.045                        | 1.14 | 0.080                          | 2.03  | 0.585                | 14.9 | 184          | 276     | 15         |
| 12  | 2                 | 65/30            | 65/0.25  | 0.045                        | 1.14 | 0.095                          | 2.41  | 0.585                | 14.9 | 165          | 247.5   | 25         |
|     | 3                 | 65/30            | 65/0.25  | 0.045                        | 1.14 | 0.095                          | 2.41  | 0.615                | 15.6 | 208          | 312     | 25         |
|     | 4                 | 65/30            | 65/0.25  | 0.045                        | 1.14 | 0.095                          | 2.41  | 0.665                | 16.9 | 254          | 381     | 20         |
| 10  | 2                 | 104/30           | 104/0.25 | 0.045                        | 1.14 | 0.095                          | 2.41  | 0.620                | 15.7 | 195          | 292.5   | 30         |
|     | 3                 | 104/30           | 104/0.25 | 0.045                        | 1.14 | 0.095                          | 2.41  | 0.665                | 16.9 | 268          | 402     | 30         |
|     | 4                 | 104/30           | 104/0.25 | 0.045                        | 1.14 | 0.095                          | 2.41  | 0.710                | 18.0 | 344          | 516     | 25         |

\*Ampacities are for general use @ 30C ambient temperature per NEC Table 400.5.