

Stranded wires Tefzel ETFE MIL-W-22759/33 (SAE AS22759) 200°C 600 V

## Application

Stranded wire in the aerospace and military technology and in other applications, where a reduced weight, reduced diameters and a high flexibility are required.



## Construction

Conductor 7-strands respectively 19-strands,  
Silver plated copper alloy  
Insulation cross-linked Tefzel ETFE

## Special features

The stranded wires have an excellent resistance to chemicals, oil and gasoline. The behavior against environmental influences such as ozone, UV radiation, humidity and high temperature fluctuations is excellent. The stranded wires are non-flammable and environmentally neutral.

| Cross section<br>AWG | Overall-Ø<br>ca. mm | Copper<br>kg/km | Weight<br>kg/km |
|----------------------|---------------------|-----------------|-----------------|
| 30/7                 | 0.60                | 0.52            | 1.00            |
| 28/7                 | 0.69                | 0.90            | 1.30            |
| 26/19                | 0.81                | 1.40            | 2.10            |
| 24/19                | 0.94                | 2.20            | 3.00            |
| 22/19                | 1.09                | 3.40            | 4.10            |
| 20/19                | 1.27                | 6.00            | 6.30            |

## Technical Properties

Operating voltage 600 V  
Temperature range - 65°C ... + 200°C  
Minimum bending radius 6 x outer diameter

## Standards / Approvals

MIL-W-22759/33  
SAE AS22759/33

| Packaging | Lengths                   |
|-----------|---------------------------|
| Spools    | 152 m, 305 m or different |
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Colour code see next page

# DESCAFLEX ETFE-200 MIL-W-22759/33

AWG 30 - AWG 20

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| AWG   | black  | blue   | gn-ye  | brown  | grey   | red    | white  | green  | orange | violet | yellow | rose   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 30/7  | 154820 | 154821 | 154822 | 154823 | 154824 | 154826 | 154827 | 154828 | 154829 | 154830 | 154831 | 154832 |
| 28/7  | 154835 | 154836 | 154837 | 154838 | 154839 | 154841 | 154842 | 154843 | 154844 | 154845 | 154846 | 154847 |
| 26/19 | 154850 | 154851 | 154852 | 154853 | 154854 | 154856 | 154857 | 154858 | 154859 | 154860 | 154861 | 154862 |
| 24/19 | 154865 | 154866 | 154867 | 154868 | 154869 | 154871 | 154872 | 154873 | 154874 | 154875 | 154876 | 154877 |
| 22/19 | 154880 | 154881 | 154882 | 154883 | 154884 | 154886 | 154887 | 154888 | 154889 | 154890 | 154891 | 154892 |
| 20/19 | 154895 | 154896 | 154897 | 154898 | 154899 | 154901 | 154902 | 154903 | 154904 | 154905 | 154906 | 154907 |