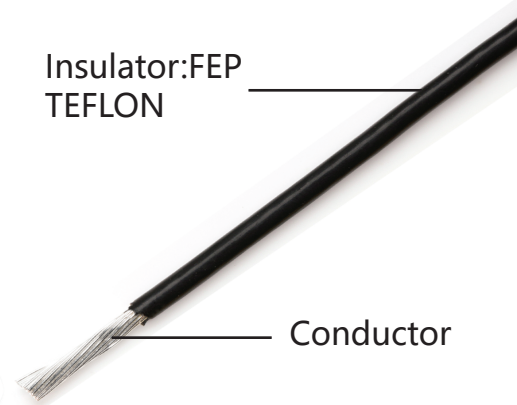


# Teflon FEP wire UL1901

TEFLON INSULATION WIRE

Insulator:FEP  
TEFLON



Conductor

## TECHNICAL DATA

Insulation:FEP TEFLON  
 Conductor:Tinned Copper  
 Temperature Range:-80°C~ + 150/+200°C  
 Rated Voltage:600V  
 O.D.Tolerance:±0.1mm  
 ColourRed-Black-Yellow-Green-Blue-White-Purple-Brown-Orange-Gray-transparent-  
 Yellow/Green  
 Used for home appliances,lighting lamps(cold light source),small motors,temperature sensors,  
 electromagnetic coils,automotive interior cables,electronic appliances etc.

TEFLON INSULATION WIRE

## PRODUCT PARAMETER

| Conductor |                                |             | Insulation              |                   | Electrical Properties                 | Packing |
|-----------|--------------------------------|-------------|-------------------------|-------------------|---------------------------------------|---------|
| AWG       | Conductor Construction NO.XΦmm | Diameter mm | Insulation Thickness mm | Outer Diameter mm | Max.Conductor Resistance DC 20°C Ω/km | M/coil  |
| 10        | 37 x 0.43                      | 3.01        | 0.36                    | 3.73              | 3.546                                 | 305     |
| 12        | 19 x 0.49                      | 2.45        | 0.36                    | 3.17              | 5.64                                  | 305     |
| 14        | 19 x 0.37                      | 1.85        | 0.36                    | 2.57              | 8.96                                  | 305     |
| 16        | 19 x 0.30                      | 1.50        | 0.36                    | 2.22              | 14.6                                  | 305     |
| 17        | 19 x 0.26                      | 1.30        | 0.36                    | 2.02              | 18.3                                  | 305     |
| 18        | 19 x 0.23                      | 1.15        | 0.36                    | 1.87              | 23.2                                  | 305     |
| 20        | 19 x 0.18                      | 0.90        | 0.36                    | 1.62              | 36.7                                  | 305     |
|           | 1 x 0.80                       | 0.80        | 0.36                    | 1.52              | 35.2                                  | 305     |
| 22        | 19 x 0.16                      | 0.80        | 0.36                    | 1.52              | 59.4                                  | 610     |
|           | 1 x 0.65                       | 0.65        | 0.36                    | 1.37              | 56.4                                  | 610     |
| 24        | 7 x 0.20                       | 0.60        | 0.36                    | 1.32              | 94.2                                  | 610     |
|           | 1 x 0.50                       | 0.50        | 0.36                    | 1.22              | 89.3                                  | 610     |
| 26        | 7 x 0.16                       | 0.48        | 0.36                    | 1.20              | 150.0                                 | 610     |
|           | 1 x 0.40                       | 0.40        | 0.36                    | 1.12              | 143.0                                 | 610     |
| 28        | 7 x 0.12                       | 0.36        | 0.36                    | 1.08              | 239.0                                 | 610     |
|           | 1 x 0.32                       | 0.32        | 0.36                    | 1.04              | 227.0                                 | 610     |
| 30        | 7 x 0.10                       | 0.30        | 0.36                    | 1.02              | 381.0                                 | 610     |
|           | 1 x 0.254                      | 0.254       | 0.36                    | 0.974             | 361.0                                 | 610     |