

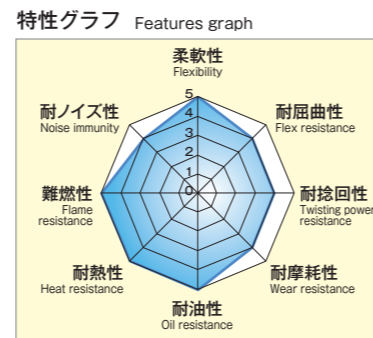
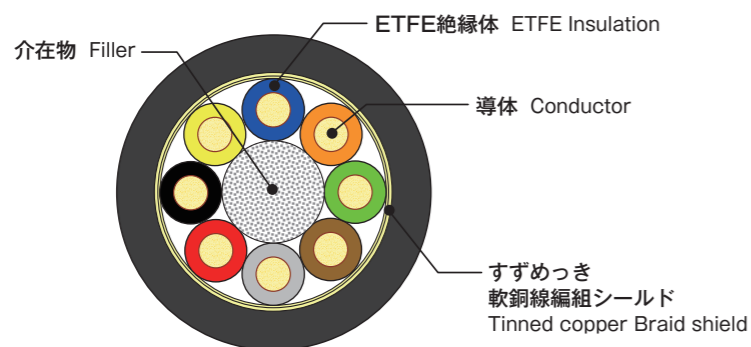
ETFE絶縁使用 可動部用ロボットケーブル
ETFE insulation used operational components robot cable

G-FLON/UL2517-SB (層燃り・シールド)シリーズ

Shielded Multilayer Strand SERIES

G-FLON/UL2517-SB SERIES

構造図 Construction figure



特長 Characteristics

- UL2517(105℃/300V)適合。c-UL、AWM適合。
- ETFE絶縁を使用。
- 工作機械等の高速可動部への配線に最適。
- 耐ノイズ性を考慮したシールド付ケーブル。
- シース材に高性能耐油性PVCを採用。
- UL2517(105℃/300V), c-UL, AWM adaptable.
- ETFE insulation used.
- Best suited for wiring high-speed operational components of machine tools.
- Shielded cable in consideration of noise immunity.
- Sophisticated oil resistant PVC adopted onto sheath materials.

心線識別 Insulation color

| 心線番号 Core No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------|---|---|---|---|---|---|---|---|---|----|
| 絶縁体色 Insulation Color | 青 | 橙 | 緑 | 茶 | 鼠 | 赤 | 黒 | 黄 | 桃 | 紫 |

品名 Product name

■ GF/2517-AWG□□×△△-SB

① □□ : AWGサイズ(28~19)
AWG Size
② △△ : 心線(2~10)
Core

G-FLON/UL2517-SB シリーズ ラインナップ Line-up

| 品名 Product name GF/2517-AWG()×()-SB | 心数 number | 導体 conductor | | ETFE絶縁体 ETFE insulation | | シールド shield | PVCシース PVC sheath | | 電気特性 Electrical Characteristics | | | 許容電流 (A) allowable ampacity |
|---|--------------|--|--------------------|----------------------------|--------------------|---|----------------------|--------------------|--|--|--------------------------------------|--------------------------------------|
| | | 構成 structure | 外径(mm) diameter | 厚さ(mm) thickness | 外径(mm) diameter | | 厚さ(mm) thickness | 外径(mm) diameter | 導体抵抗 (Ω/km) conductor resistance | 絶縁抵抗 (MΩ/km) insulation resistance | 耐電圧 (V/1min) withstand voltage | |
| AWG28 (0.1SQ) | 2 | 20/0.079 すずめっき 軟銅線 Tinned copper | 約0.41 | 約0.2 | 0.81 | すずめっき 軟銅線編組 Tinned copper shield braid | 約1.0 | 4.2 | 220以下 | 100以上 | AC2000 | 2.7 |
| | 3 | | | | | | | 4.3 | | | | 2.3 |
| | 4 | | | | | | | 4.6 | | | | 2.0 |
| | 6 | | | | | | | 5.0 | | | | 1.7 |
| | 8 | | | | | | | 5.5 | | | | 1.5 |
| | 10 | | | | | | | 6.0 | | | | 1.4 |
| AWG24 (0.2SQ) | 2 | 43/0.079 すずめっき 軟銅線 Tinned copper | 約0.61 | 約0.2 | 1.01 | すずめっき 軟銅線編組 Tinned copper shield braid | 約1.0 | 4.6 | 103以下 | 100以上 | AC2000 | 4.3 |
| | 3 | | | | | | | 4.8 | | | | 3.7 |
| | 4 | | | | | | | 5.0 | | | | 3.3 |
| | 6 | | | | | | | 5.6 | | | | 2.8 |
| | 8 | | | | | | | 6.3 | | | | 2.5 |
| | 10 | | | | | | | 6.9 | | | | 2.3 |
| AWG23 (0.3SQ) | 2 | 60/0.079 すずめっき 軟銅線 Tinned copper | 約0.72 | 約0.2 | 1.12 | すずめっき 軟銅線編組 Tinned copper shield braid | 約1.0 | 4.8 | 74以下 | 100以上 | AC2000 | 5.4 |
| | 3 | | | | | | | 5.0 | | | | 4.6 |
| | 4 | | | | | | | 5.3 | | | | 4.1 |
| | 6 | | | | | | | 6.0 | | | | 3.5 |
| | 8 | | | | | | | 6.6 | | | | 3.1 |
| | 10 | | | | | | | 7.3 | | | | 2.9 |
| AWG20 (0.5SQ) | 2 | 106/0.079 すずめっき 軟銅線 Tinned copper | 約0.95 | 約0.25 | 1.45 | すずめっき 軟銅線編組 Tinned copper shield braid | 約1.0 | 5.6 | 42以下 | 100以上 | AC2000 | 8.1 |
| | 3 | | | | | | | 5.8 | | | | 7.0 |
| | 4 | | | | | | | 6.2 | | | | 6.2 |
| | 6 | | | | | | | 7.1 | | | | 5.3 |
| | 8 | | | | | | | 7.9 | | | | 4.6 |
| | 10 | | | | | | | 8.8 | | | | 4.3 |
| AWG19 (0.75SQ) | 2 | 150/0.079 すずめっき 軟銅線 Tinned copper | 約1.13 | 約0.30 | 1.73 | すずめっき 軟銅線編組 Tinned copper shield braid | 約1.0 | 6.2 | 29.5以下 | 100以上 | AC2000 | 10.4 |
| | 3 | | | | | | | 6.4 | | | | 9.1 |
| | 4 | | | | | | | 6.9 | | | | 8.1 |
| | 6 | | | | | | | 7.9 | | | | 6.8 |
| | 8 | | | | | | | 9.0 | | | | 6.0 |
| | 10 | | | | | | | 9.7 | | | | 5.6 |