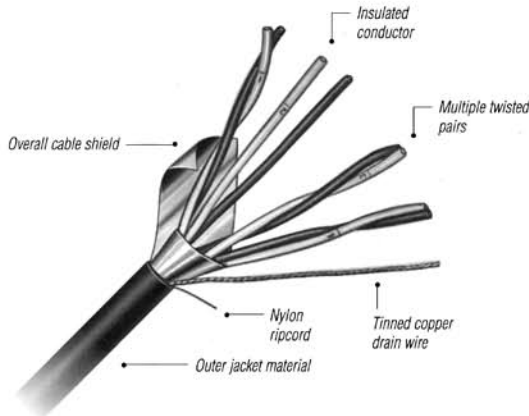


Zero Halogen

Cables that use PVC, CPE, Hypalon and fluoropolymer materials contain halogens. In a fire, these materials release acid gas that is toxic to people and can damage sensitive equipment. Dekoron offers several cable types that can meet Zero Halogen standards.

1770/1S70



Description

- Conductor Solid thermocouple alloy, solid or 7-strand copper
- Primary insulation. HDPE or silicone alloy
- Color code ANSI standard (thermocouple), Black and white pairs (instrument), Black, white and red triads (instrument)
- Overall shield. 100% coverage, an aluminum-polyester tape shield and a 7-strand tinned copper drain wire
- Outer jacket LDPE, HDPE or TPN

Application

- Designed to help minimize injury and damage to personnel and sensitive equipment
- Silicone alloy insulated, TPN jacketed cables, UL listed
- Suitable for Class I, Division 2 and Class II, Division 2 hazardous areas

Bending Radius

- $6 \times d$ (d = overall diameter)

Cable Type

- 1720 – Multiple pair overall shielded thermocouple extension
- 1770 – Multiple pair overall shielded instrument
- 1780 – Multiple triad overall shielded instrument
- 1S02 – Single pair shielded thermocouple extension
- 1S20 – Multiple pair overall shielded thermocouple extension
- 1S52 – Single pair shielded instrument
- 1S70 – Multiple pair overall shielded instrument
- 1S80 – Multiple triad overall shielded instrument

Cable Options

- Manufactured in accordance with UL (as noted). Also available to ICEA, IEC, BS standards or customized configurations.
- Various metric and AWG size conductors
- Special color coding of insulation and jacket materials
- Cable can be constructed to 300 or 600 volt rating

Low Smoke

Along with zero halogen cables, Dekoron can also supply cables that demonstrate low smoke characteristics when subjected to an industrial emergency involving fire or explosion. Dekoron's silicone alloy insulation and TPN jacket demonstrate proven low smoke emissions.

Smoke Comparisons – NBS Smoke Chamber, Dm		
Chemical	Flaming	Smoldering
Silicone Alloy	50	150
TPN Jacket	100	250
PVC	300	400
XLPE Insulation	600	350
CPE Jacket	400	300
Hypalon Jacket	500	400

Cable Type

- 1S02 – Single pair shielded thermocouple extension
- 1S20 – Multiple pair overall shielded thermocouple extension
- 1S52 – Single pair shielded instrument
- 1S70 – Multiple pair overall shielded instrument
- 1S80 – Multiple triad overall shielded instrument

The specifications listed above are subject to change without notice. In any change, the product's performance will remain the same, or be improved.