

# IRRAX<sup>®</sup> TAPE VZL

## IRRADIATED CROSSLINKED PVC TAPE



RoHS Compliant



Lead-Free

### TYPICAL FEATURES

- 1) Irrax<sup>®</sup> Tape VZL is irradiated, cross-linked, flexible, flame-retarded, polyvinyl chloride (PVC) tape with an adhesive layer.
- 2) Operating temperature range is -30<sup>o</sup> C to +105<sup>o</sup> C.
- 3) Irrax<sup>®</sup> Tape VZL contains no lead.
- 4) Irrax<sup>®</sup> Tape VZL is recommended for bundling, mechanical protection, and electric insulation of automotive wire harness assemblies where higher temperature resistance is needed.

### STANDARD SIZES

SIZE	Thickness (MM)	TAPE WIDTH (MM)	Length (M)
0.09 x 19	0.09+/- 0.02	19.0 +/- 1.0	30 min
0.09 x 25	0.09 +/- 0.02	25.0 +/- 1.0	30 min

**Standard Colors:** Black, Gray

**How to Order:** (Type of material) (Size) (Color)

**Example:** Irrax Tape VZL 0.09x19 Black

# IRRAX® TAPE VZL SPECIFICATION VALUES

PROPERTY (UNITS)	TEST METHOD	REQUIREMENT
<b>Physical:</b> Tensile strength (N/19mm Width) Elongation (%)  Heat Resistance (120C, 7days) Tensile strength (N/19mm width) Elongation (%)  Heat shock (200C, 0.5hrs) Low temperature flex (-45C, 1hr)	ASTM D 2671* ASTM D 2671*  ASTM D 2671* ASTM D 2671*	29.4 min. 125 min.  29.4 min 100 min  no cracking or melting no cracking
<b>Electrical:</b> Dielectric withstand voltage (1.0kV, 1min) Volume resistivity (ohm-cm)	UL 224  ASTM D 876	no breakdown  1.0 X 10 <sup>12</sup> MIN.

\*Tested on whole tape (not die cut). Test speed = 300mm/min.



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Rev.11/6/200