

TECHNICAL DATA SHEET

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CONTINUOUS NARROW EDGE LEADING HLX Cable Markers

DESCRIPTION	Continuous strip, low fire hazard, UV stabilised, cross linked polyolefin sheet, formed into punched tie on cable markers. Markers have perforated edges for easy removal.
USE	Designed for use of identification of larger cables and wire bundles where the volume or complexity of the wiring system is relatively low. Markers are printed by computer-based printing and are attached using cable ties. Ideal for applications where low fire hazard characteristics (low smoke, low toxicity and low flammability) are critical.
PRINT METHOD/RIBBON:	Thermal transfer: T212M-PRINTER, Tyco : T200-RIBBON-1966
SERVICE TEMPERATURE:	-40°C to +105°C (-40°F to +221°F).
COLORS:	White or yellow.
TENSILE STRENGTH:	7MPa minimum.
OXYGEN INDEX:	34% minimum (BS ISO 4589-2 [1996]).
SMOKE EMISSION A₀	0.017 maximum (BS 6853 [1999] Annex D.8.3).
TOXIC FUME:	R < 1 (BS 6853 [1999] Annex B – Mass based test method NF X 70-100).
LUL TOXIC FUME:	No Halogens, no P, S, or N sources above trace level (LUL E1042:A2 [1996]).

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MOULD GROWTH:	Rating 2 maximum (BS 2011 Part 2.1J).
UV RESISTANCE: (base polymer)	Tensile strength > 90% of original value after 1000 hours (ASTM G53: UVA [100% dry cycle]; Ultimate elongation > 40% of original value after 1000 hours (ASTM G53: UVA [100% dry cycle])
COLOR FASTNESS:	Hue matches original marker; print legible (BS 2782 Part 5 Method 540B).
PRINT ADHERENCE:	Meets the requirements of SAE AS81531 4.6.2 (20 rubs).

THREAT	TEST	EFFECT
Locomotive diesel	10 wipes dry tissue	Print legible
Paint stripper wipe	10 wipes dry tissue	Print legible
Phosphate Ester based ISO 1817 liquid 103	24 hours at 23°C (104°F) then 25 strokes dry tissue; IEC 60684-2	Print legible
Diesel	72 hours at 23°C (122°F) then 25 strokes dry tissue; IEC 60684-2	Print legible
Propan-2-ol	24 hours at 23°C (73°F) then 25 strokes dry tissue; IEC 60684-2	Print legible

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