



TECHNICAL DATA SHEET

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NPVF Tedlar™ color coding tape

PRODUCT OVERVIEW

MATERIAL DESCRIPTION:	Aerospace grade polyvinylfluoride (Tedlar™) film. Self extinguishing material. Supplied as a continuous tape with a permanent acrylic pressure sensitive adhesive on an 80lb liner.
USE:	Non-printable tape for use as a wire bundle or cable wrap-around marker, particularly color coding and bundling/fixing applications in harness production. Ideal in a variety of harsh physical and chemical environments, especially aerospace and military applications.
SHELF LIFE:	3 years when stored at 22°C (72°F) at 50% R.H.
ADHESIVE:	Permanent acrylic giving superior solvent and UV resistance.
COLORS:	Standard: White, Clear and Yellow Other colors available.
APPROXIMATE THICKNESSES:	Face stock: 0.050mm (0.002 inches). Adhesive: 0.025mm (0.001 inches). Liner: 0.050mm (0.002 inches).
ADHESION:	PSTC-1 (180° peel direction), 15 minute dwell at 21°C (70°F): Fiberglass: 30N/100mm (30oz/inch). Phenolic, nylon: 60N/100mm (55oz/inch). Aluminum, stainless steel, galvanized steel, alkyd enamel: 55N/100mm (50oz/inch).
SERVICE TEMPERATURE:	-40°C to +130°C (-40°F to +266°F).
MINIMUM APPLICATION TEMPERATURE:	10°C (50°F).
FLAMMABILITY:	Meets the requirements of UL94 VTM-1. Self-extinguishing when tested to ASTM D1000-76 and Boeing Specification 13-47G.
UV TRANSMISSIBILITY:	< 0.01%.
DIELECTRIC STRENGTH:	> 9000V.
CHEMICAL RESISTANCE:	Resistant to common fluids, lubricants and solvents. Meets the requirements of MIL-STD-833C, Notice 4, Method 2015.6 (Resistance to Solvents) and MIL-M-87958.

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