



# TECHNICAL DATA SHEET

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## NPVF Tedlar™ color coding tape

### PRODUCT OVERVIEW

<b>MATERIAL DESCRIPTION:</b>	Aerospace grade polyvinylfluoride (Tedlar™) film. Self extinguishing material. Supplied as a continuous tape with a permanent acrylic pressure sensitive adhesive on an 80lb liner.
<b>USE:</b>	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.
<b>SHELF LIFE:</b>	3 years when stored at 22°C (72°F) at 50% R.H.
<b>ADHESIVE:</b>	Permanent acrylic giving superior solvent and UV resistance.
<b>COLORS:</b>	Standard: White, Clear and Yellow Other colors available.
<b>APPROXIMATE THICKNESSES:</b>	Face stock: 0.050mm (0.002 inches). Adhesive: 0.025mm (0.001 inches). Liner: 0.050mm (0.002 inches).
<b>ADHESION:</b>	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).
<b>SERVICE TEMPERATURE:</b>	-40°C to +130°C (-40°F to +266°F).
<b>MINIMUM APPLICATION TEMPERATURE:</b>	10°C (50°F).
<b>FLAMMABILITY:</b>	Meets the requirements of UL94 VTM-1.  Self-extinguishing when tested to ASTM D1000-76 and Boeing Specification 13-47G.
<b>UV TRANSMISSIBILITY:</b>	< 0.01%.
<b>DIELECTRIC STRENGTH:</b>	> 9000V.
<b>CHEMICAL RESISTANCE:</b>	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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