

# TECHNICAL DATA SHEET

Document number: TTDS-090

Issue: 1

Date: April, 2004

White Vinyl  
WV**DESCRIPTION:**

Tyco "WV" is a thermal transfer printable white vinyl film with a permanent acrylic adhesive.

**USE:**

Offers excellent conformability to round, irregular or flexible surfaces making ideal for wire and cable identification, including flat ribbon cables. Resistant to oil, mild solvents, water and outdoor exposure.

**PRINT METHOD:**

Thermal Transfer  
Preferred Printer/Ribbon: Tyco T308S printer, Tyco 1330-0607-10 ribbon

**COLOR:**

White

**APPROXIMATE THICKNESS:**

Facestock: 0.050mm (0.002 in)  
Adhesive: 0.025mm (0.001 in)

**ADHESIVE:**

Permanent Acrylic

**ADHESION:**

Tested per PSTC-1 – 48 hour dwell at room temperature (70F)

Aluminum	Adhesive failure at	90oz/inch	(100N/100mm)
Stainless Steel	Adhesive failure at	100oz/inch	(110N/100mm)
ABS	Adhesive failure at	80oz/inch	(90N/100mm)
Polypropylene	Adhesive failure at	59oz/inch	(64N/100mm)
Acrylic Paint	Adhesive failure at	80oz/inch	(90N/100mm)

**SERVICE TEMPERATURE:**

-60C to 95C (-76F to 203F)

**Business locations:**

☎ France: + 33 (0) 4 76 09 96 96 (Labels)  
☎ Germany: + 49 (0) 6074 8908 0  
☎ UK: + 44 (0) 1495 244 000 (Labels)  
☎ Japan: + 81 (0) 44 900 5102

☎ N America: + 1 401 432 8200 (East Coast)  
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WVMINIMUM APPLICATION  
TEMPERATURE: 4C (40F)

UV Transmissibility: &lt;0.02%

SHELF LIFE: 2 years when stored at 22C (72F) at 50% R.H.

CHEMICAL RESISTANCE: Samples printed using Tyco RHD 1330-0607-10 ink ribbon.

Solvent	Test	Effect
Freon TF	10 wipes with soaked towelette	No Visual Effect
Freon TES	10 wipes with soaked towelette	No Visual Effect
Freon TA	10 wipes with soaked towelette	No Visual Effect
Cleaners	10 wipes with soaked towelette	No Visual Effect
Diesel Fuel	8 hour soak	No Visual Effect
Water (32C)	8 hour soak	No Visual Effect
Oil	8 hour soak	No Visual Effect

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