

Yongle 8848 Dry Vinyl Tape Technical Data Sheet (TDS)

Yongle 8848 is a premium non-adhesive dry vinyl tape engineered for wire harness, cable loom, and electrical applications. This PVC dry tape provides permanent, residue-free protection through self-fusing properties. Suitable for hand or machine application with an 85℃ temperature rating. Compliant with RoHS & REACH.

Also use for insulating and masking parts in the industrial electroplating industry.



Construction:

Base Material: Soft PVC carrier

Technical Data:

Property	Unit	Typical data	Test Method
Total Thickness	mm	0.13±0.02	EN 1942
Tensile Strength	N/cm	> 20	ISO 29864
Elongation at break	%	> 250	ISO 29864
Adhesion strength			QCT-906(24fts/min)
---hand taping	Oz/19mm	20-40	
	N/19mm	5.5-11.1	
	Oz/25mm	20-45	
	N/25mm	5.5-12.5	
Flammability		2.0-6.0	GMW 16740/LV 312
Breakdown voltage	kV	6.0	ASTM D1000
Temperature rating	℃	B:-25-105	GMW 16740 / LV 312

Note: The listed values are required only and not intended to serve as product specifications

Key Benefits:

- Non-adhesive technology: Eliminates adhesive migration, residue, and insulation damage
- Self-fusing: Bonds securely to itself without adhesives
- Flame retardant (Class B self-extinguishing per GMW 16740/LV 312)
- High conformability to irregular shapes
- Controlled uniform unwind for manual/machine application
- Wide operational temperature: -25°C to +85°C
- Customized to the user's application
- Meet RoHS & REACH

Standard Specifications:

- ◆ Length: 33m, 43m, 76.2m
- ◆ Width: 16mm, 19mm, 25mm, 32mm
- ◆ Core ID: 38mm
- ◆ Colors: Black, Blue, White, Orange, Yellow (standard yellow PVC dry tape)
- ◆ Customization: Non-standard sizes/colors available

Shelf Life & Storage

- ◆ Storage: 20 – 30° C, ≤65% RH, in original packaging
- ◆ Shelf Life: 12 months from production date