



DW904-1

Polyester Tape

DeWAL® DW904-1 is a one mil polyester (PET) film coated with a silicone adhesive. The tape is transparent for applications where optical clarity is an issue and the silicone adhesive will release cleanly

Applications:

- Masking metal parts during bonding or mild acid etching
- Electrical insulation
- Splicing tape for silicone liners and paper
- Epoxy bonding of aircraft parts

Industry(s):

- Aerospace
- Composite Manufacturing
- Electrical

Features and Benefits

- Removes cleanly at elevated temperatures
- Good solvent resistance
- Optically clear

Basic Physical Properties	Typical Value	Units	Test Method
Adhesion to Steel	458 / 41	g/cm / oz/in	ASTM-D 1000
Color	Clear	N/A	N/A
Construction	Typical Value	Units	Test Method
Substrate	Polyester (PET) Film	N/A	N/A
Substrate Thickness	0.0254 / 0.001	mm / in	N/A
Adhesive System	Silicone	N/A	N/A
Adhesive Thickness	0.038 / 0.0015	mm / in	N/A
Overall Thickness	0.0635 / 0.0025	mm / in	ASTM-D374
Min Width	6.35 / 0.25	mm / in	N/A
Max Width	432 / 17	mm / in	N/A
Heat and Flame	Typical Value	Units	Test Method
Max Operating Temp.	154 / 310	°C / °F	N/A
Processing & Packaging	Typical Value	Units	Test Method
Shelf Life	18	Months from DOM	N/A
Shelf Life Storage Temp.	21 / 70	°C / °F	N/A
Roll Length	33 / 36	m / yd	N/A
Standard Core Type	Plastic	N/A	N/A
Core Diameter	76 / 3	mm / in	N/A
Standard Liner	Self Wound	N/A	N/A

Only available on plastic cores.

- Typical values shown are from testing at date of manufacture and should not be used for specification limits.
- Additional technical information and product specifications are available upon request.
- Shelf life is 18 months from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.

Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.



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