

## DeWAL® DW HPH-82

DeWAL® DW HPH-82 uses a one mil polyester film coated with silicone adhesive. The silicone adhesive will remove cleanly.

## Features &amp; Benefits:

- Removes cleanly at elevated temperatures
- Good solvent resistance

## Applications:

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

| PROPERTY                               | TEST METHOD | DATA RANGE                         | TYPICAL VALUE* |
|--|-------------|------------------------------------|----------------|
| <b>PHYSICAL</b>                        |             |                                    |                |
| Backing Material                       |             | ---                                | Polyester Film |
| Backing Thickness, mm (inches)         |             | 0.02 - 0.03<br>(0.0008 - 0.0012)   | ---            |
| Adhesive System                        |             | ---                                | Silicone       |
| Adhesive Thickness, mm (inches)        |             | 0.018 - 0.033<br>(0.0007 - 0.0013) | ---            |
| Adhesion, g/cm (oz./in)                | ASTM-D1000  | 290 - 446<br>(26 - 40)             | 346<br>(31)    |
| Dielectric, V/mil                      | ASTM-D149   | 2,500 - 3,217                      | 2,869          |
| Maximum Operating Temperature, C° (F°) |             |                                    | 154 (310)      |

| PRODUCT DIMENSIONS       | METRIC     | ENGLISH   |
|--------------------------|------------|-----------|
| Width mm, inches         | 6.35 – 422 | 0.25 – 17 |
| Core Diameter mm, inches | 76         | 3         |
| Roll Length m, yards     | 66         | 72        |

\*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.

- All metric conversions are approximate.