

## DeWAL® DW775-10

DeWAL® DW 775-10 is a black PTFE film with an acrylic pressure sensitive adhesive. The base film is compounded with carbon making it electrically conductive. It can be used in industrial and mechanical applications where static dissipation is needed.

## Features &amp; Benefits:

- High temperature resistance
- Low friction
- Non-stick
- Electrically conductive base film

## Applications:

- Industrial and chemical hose industry
- Mechanical applications
- ESD applications

| PROPERTY  | TEST METHOD | DATA RANGE                         | TYPICAL VALUE*  |
|---|-------------|------------------------------------|-----------------|
| <b>PHYSICAL</b>   |             |                                    |                 |
| Backing Material  |             | ---                                | Black PTFE Film |
| Backing Thickness, inches (mm)                              |             | 0.241 – 0.267<br>(0.0095 – 0.0105) | ---             |
| Adhesive System   |             | ---                                | Acrylic         |
| Adhesive Thickness, inches (mm)                             |             | 0.03 – 0.045<br>(0.0012 – 0.0018)  | ----            |
| Adhesion, oz./in (g/cm)                                     | ASTM D-1000 | 603 – 815<br>(54 – 73)             | 703 (63)        |
| Tensile Strength, MPa (psi)                                 | ASTM D-882  | 27 - 35<br>(3,871 - 5,041)         | 31 (4,536)      |
| Elongation, %   | ASTM D-882  | 334 – 433                          | 393             |
| Surface Resistivity, $\Omega$ /square<br>*on base film only | ASTM D-257  | 3,790 - 105,000                    | 29,657          |
| Maximum Operating Temperature, F° (C°)                      |             |                                    | 260 (500)       |

| PRODUCT DIMENSIONS       | METRIC     | ENGLISH  |
|--------------------------|------------|----------|
| Width mm, inches         | 12.7 - 508 | 0.5 - 20 |
| Core Diameter mm, inches | 76         | 3        |
| Roll Length m/yds        | 33         | 36       |

\*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 1 year from the date of manufacture with storage conditions of 70°F and 50%RH.
- All metric conversions are approximate.