

DeWAL® DW350CL

DeWAL® DW350CL is an unpigmented PTFE coated foil that features uniform thickness throughout. The foil gives this product a low dielectric constant, while the PTFE layer exhibits properties such as chemical resistance, wide operating temperatures, and low coefficient of friction.

Features & Benefits:

- High temperature range
- Chemical resistance
- Low dielectric constant
- Low coefficient of friction
- Clean removal from assembly after sintering process

Applications:

- Convoluted hose
- Manufacturing and converting process
- Food packaging applications
- EMI/RFI shielding in electronic applications

| PROPERTY | TEST METHOD | DATA RANGE | TYPICAL VALUE* |
|--|-------------|---------------------------------------|--------------------------------|
| PHYSICAL | | | |
| Backing Material | | --- | Aluminum foil coated with PTFE |
| Foil Thickness, mm (inches) | | 0.121 - 0.133 (0.00475 - 0.00525) | --- |
| PTFE Thickness, mm (inches) | | 0.00127 - 0.0089 0.00005 - 0.00035 | --- |
| Tensile Strength, MPa (psi) | ASTM-D3759 | 110 - 124 (16,000 - 18,000) | 117 (17,000) |
| Elongation, % | ASTM-D3759 | 10 - 20 | 16 |
| Maximum Operating Temperature, C° (F°) | | | 260 (500) |

| PRODUCT DIMENSIONS | METRIC | ENGLISH |
|--------------------------|--------------|----------|
| Width mm, inches | 12.7 – 304.8 | 0.5 – 12 |
| Core Diameter mm, inches | 76 | 3 |
| Roll Length m, feet | 518 | 1700 |

*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 one year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.