



TapeCase Ltd.
1982 Lunt Ave, Elk Grove Village, IL 60007
phone: (847) 299-7880
fax: (847) 299-7804
www.tapecase.com
sales@tapecase.com

Conformable Tape Made with Teflon PTFE 204-3

Product Description

This product is a pressure sensitive tape using skived PTFE film with “high temperature” silicone adhesive. This is a UL recognized component (UL File no. E179854).

Application Information

This tape is used in electrical applications such as coil wraps, separators, transformer, slot liners, and harness wrapping where good insulation and heat resistant properties are needed. They are also used in mechanical applications requiring high temperature resistance, a low friction surface or a non-stick surface.

Technical Properties

| Property | Test Method | Characteristic |
|-------------------------------|----------------------|---|
| Backing Material | | PTFE Film |
| Backing Thickness (in) | | 0.003 |
| Adhesive System | | Silicone |
| Adhesive Thickness (in) | | 0.003 |
| Adhesion (oz/in) | ASTM-D-1000 | 40 |
| Tensile Strength (lb/in) | ASTM-D-3759 | 18 |
| Elongation (%) | ASTM-D-3759 | 300 |
| Dielectric Strength (volts) | ASTM-D-149 | 11000 |
| Max Operating Temperature (F) | | 500 |
| U.L. Approval | File no. E17854 | Approved- Flame Retardant/ Cold Resistant |
| Government Specification | MIL-I-23594C, Type 1 | Pass |

NOTE:

1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.
2. The above values are “Typical Values” which have a nominal range about them and are not intended for specification purposes