Summary of Lab Tests

1. **Non-Stick Properties**
   20 gr/in of release of Johnson and Johnson waterproof tape with subsequent adhesion of 100%.

2. **Low Friction Coefficient**
   - Static coefficient (on cold rolled steel) -0.11
   - Dynamic coefficient -0.07

3. **Hard Surface**
   - Impact test (extrusion) better than 90 cmX11 gr of impact

4. **Excellent Adhesion to Surfaces**
   - Pull-off test >400 psi (better than cyano acrylate) on cold rolled steel

5. **Low Wear-Abrasion Resistance**
   - Excellent abrasion resistance-1 mil loss after 3000 cycles CS-17 wheel at 1000 gr load (Tabor test)

6. **Water and Solvent Resistance**
   - Passed most tests on immersion, splash and fumes of major organic solvents; salts; inorganic and organic acids (except oxidizing acids); alkaline solutions and most oxidizing agents

7. **Anti-Corrosion**
   - JPCL Test (accelerated) - 36 out of 40 max (better than epoxy) without any corrosion on coated surfaces

8. **UV-Resistance**
   - No degradation, cracking, or blistering > 30 days at QUV

9. **Low Chipping**
   - Very low chipping, less than 0.3%

10. **Flexibility to Folding**
    - Excellent. Passed OT test without cracking or deformation of coat

11. **Temperature Resistance to Sudden Change**
    - Maintains release and flexibility after 500°F for 16 hours

12. **Hydrophobicity**
    - High contact angles with water > 90°
    - Excellent spreading with organic solvents 0° for CH2I 2
    - Low surface energies < 40 dynes/cm

13. **Electric Conductivity**
    - Very low-10-11 mohs/cm

14. **Environmentally Friendly**
    - Very low VOC

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