

# V00647

## TUFFlex Vented Pre-Stretched Hand Film

15.2 Micron / 60 Gauge / 0.60 Mil

Prestretched Ventilated Hand Film

*Not intended as limiting specifications*

| CHARACTERISTICS                    | VALUES                            |
|------------------------------------|-----------------------------------|
| Manufacturing Process              | Smart-layered Cast                |
| Thickness (nominal)                | 15.2 Micron / 60 Gauge / 0.60 Mil |
| Film Width (inches)                | 20"                               |
| Length (feet)                      | 1500'                             |
| Net Weight / Roll (lbs. – nominal) | 7.2 lbs.                          |
| Roll Diameter (O.D., inches)       | 4.74 inch                         |
| Core I.D.                          | 3.02 inch                         |

| TESTS                         | METHODS          | VALUES   |
|-------------------------------|------------------|----------|
| Ultimate Tensile MD (PSI)     | ASTM D 882       | 1200 PSI |
| Ultimate Tensile TD (PSI)     | ASTM D 882       | 1480 PSI |
| Elongation MD (%)             | ASTM D 882       | 410      |
| Elongation TD (%)             | ASTM D 882       | 435      |
| Tear Resistance MD (grams)    | ASTM D 1922      | 510      |
| Tear Resistance TD (grams)    | ASTM D 1922      | 471      |
| Puncture Resistance (in-lbs.) | ASTM D 4649      | 240 g    |
| Ultimate Prestretch (%)       | Mfg. / Highlight | 380      |
| Cling (in to out, grams)      | Mfg. method      | 180 g    |

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# V00648

## TUFFlex Vented Machine Film

29 Micron / 114 Gauge / 1.14 Mil

Machine Ventilated Stretch Film

*Not intended as limiting specifications*

| CHARACTERISTICS                    | VALUES                           |
|------------------------------------|----------------------------------|
| Manufacturing Process              | Smart-layered Cast               |
| Thickness (nominal)                | 29 Micron / 114 Gauge / 1.14 Mil |
| Film Width (inches)                | 20"                              |
| Length (feet)                      | 3250'                            |
| Net Weight / Roll (lbs. – nominal) | 29.64 lbs.                       |
| Roll Diameter (O.D., inches)       | 10 inch                          |
| Core I.D.                          | 3.02 inch                        |

| TESTS                         | METHODS          | VALUES   |
|-------------------------------|------------------|----------|
| Ultimate Tensile MD (PSI)     | ASTM D 882       | 1600 PSI |
| Ultimate Tensile TD (PSI)     | ASTM D 882       | 1790 PSI |
| Elongation MD (%)             | ASTM D 882       | 570      |
| Elongation TD (%)             | ASTM D 882       | 610      |
| Tear Resistance MD (grams)    | ASTM D 1922      | 810      |
| Tear Resistance TD (grams)    | ASTM D 1922      | 940      |
| Puncture Resistance (in-lbs.) | ASTM D 4649      | 500 g    |
| Ultimate Prestretch (%)       | Mfg. / Highlight | 570      |
| Cling (in to out, grams)      | Mfg. method      | 144 g    |

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