



# AB-365

## TECHNICAL SPECIFICATIONS

**SPECIFICATION ASTM D2000: 2BG625B14EA14EF11EF21E014EO34**  
**MIL-R-6855, CLASS 1, GRADE 60**  
**POLYMER: NITRILE (NBR) (BUNA N)**

|         |         |
|---------|---------|
| GRADE   | Premium |
| FINISH  | Smooth  |
| POWDER  | Yes     |
| TRIMMED | Yes     |
| COLOR   | Black   |

| ASTM                                  | DESCRIPTION                                        | VALUE                                                                                             |
|---------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------|
|                                       | SPECIFIC GRAVITY (gr/cc)                           | 1.15                                                                                              |
| D2240                                 | HARDNESS (shore A)                                 | 60                                                                                                |
| D412                                  | TENSILE (psi)                                      | 2500 min.                                                                                         |
|                                       | ULTIMATE ELONGATION (%)                            | 350 min.                                                                                          |
| D395<br>(Method B)                    | COMPRESSION SET<br>22 hrs @ 100°C (212°F)          | 25% max.                                                                                          |
| D573                                  | HEAT AGING<br>70 hrs @ 100°C (212°F)               | Hardness: +/-15<br>Tensile (%): +/-30 max.<br>Elongation (%): -50 max.                            |
| D471                                  | OIL RESISTANCE<br>Oil #1, 70 hrs @ 100°C (212°F)   | Hardness: -5 to +10<br>Tensile (%): -25 max.<br>Elongation (%): -45 max.<br>Volume (%): -10 to +5 |
|                                       | OIL RESISTANCE<br>Oil #3, 70 hrs @ 100°C (212°F)   | Hardness: -10 to +5<br>Tensile (%): -45 max.<br>Elongation (%): -45 max.<br>Volume (%): 0 to 25   |
|                                       | FUEL RESISTANCE<br>Fuel A, 70 hrs @ 23°C (73.4°F)  | Hardness: +/-10<br>Tensile (%): -25 max.<br>Elongation (%): -25 max.<br>Volume (%): -5 to +10     |
|                                       | WATER RESISTANCE<br>Water, 70 hrs @ 100°C (212°F)  | Hardness: +/-10<br>Volume (%): +/-15% max.                                                        |
|                                       | FLUID RESISTANCE<br>Fuel B, 70 hrs @ 23°C (73.4°F) | Hardness: 0 to -30<br>Tensile (%): -60 max.<br>Elongation (%): -60 max.<br>Volume (%): 0 to +40   |
| TEMPERATURE RANGE (general guideline) |                                                    | -40° to 200°F<br>(-40° to 93°C)                                                                   |

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

The documentation for sheet rubber gauge tolerances is published on our website.  
 Please ensure the product meets your application specification prior to order placement.  
 Specifications are subject to change without notice. The website version prevails.



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|                         | GAUGE<br>IN (MM) | WIDTH<br>IN (MM) | SURFACE/ROLL<br>SFT (M <sup>2</sup> ) | LENGTH/ROLL<br>LFT (M) | WEIGHT/ROLL<br>LBS (KG) |
|-------------------------|------------------|------------------|---------------------------------------|------------------------|-------------------------|
| 303-02-362 <sup>1</sup> | 1/32 (0.80)      | 36 (914.4)       | 600 (56.74)                           | 200 (60.96)            | 119 (54.0)              |
| 303-04-362 <sup>1</sup> | 1/16 (1.60)      | 36 (914.4)       | 300 (27.87)                           | 100 (30.48)            | 111 (50.3)              |
| 303-04-482              | 1/16 (1.60)      | 48 (1219.2)      | 400 (37.16)                           | 100 (30.48)            | 148 (67.1)              |
| 303-06-482 <sup>1</sup> | 3/32 (2.38)      | 48 (1219.2)      | 300 (27.87)                           | 75 (22.85)             | 168 (76.2)              |
| 303-08-362 <sup>1</sup> | 1/8 (3.20)       | 36 (914.4)       | 150 (13.93)                           | 50 (15.24)             | 112 (50.8)              |
| 303-08-482              | 1/8 (3.20)       | 48 (1219.2)      | 200 (18.58)                           | 50 (15.24)             | 149 (67.6)              |
| 303-12-362 <sup>1</sup> | 3/16 (4.80)      | 36 (914.4)       | 120 (11.15)                           | 40 (12.19)             | 134 (60.8)              |
| 303-12-482              | 3/16 (4.80)      | 48 (1219.2)      | 160 (14.86)                           | 40 (12.19)             | 179 (81.2)              |
| 303-16-362 <sup>1</sup> | 1/4 (6.35)       | 36 (914.4)       | 120 (11.15)                           | 40 (12.19)             | 179 (81.2)              |
| 303-16-482              | 1/4 (6.35)       | 48 (1219.2)      | 160 (14.86)                           | 40 (12.19)             | 238 (108.0)             |
| 303-24-362 <sup>1</sup> | 3/8 (9.50)       | 36 (914.4)       | 90 (8.36)                             | 30 (9.14)              | 201 (91.2)              |
| 303-24-482              | 3/8 (9.50)       | 48 (1219.2)      | 120 (11.15)                           | 30 (9.14)              | 268 (121.6)             |
| 303-32-362 <sup>1</sup> | 1/2 (12.70)      | 36 (914.4)       | 90 (8.36)                             | 30 (9.14)              | 268 (121.6)             |
| 303-32-482              | 1/2 (12.70)      | 48 (1219.2)      | 120 (11.15)                           | 30 (9.14)              | 357 (161.9)             |
| 303-40-362 <sup>1</sup> | 5/8 (15.90)      | 36 (914.4)       | 90 (8.36)                             | 30 (9.14)              | 335 (151.9)             |
| 303-40-482 <sup>1</sup> | 5/8 (15.90)      | 48 (1219.2)      | 120 (11.15)                           | 30 (9.14)              | 446 (202.3)             |

<sup>1</sup> Made to order.