



| High Barrier | THICKNESS |      | OTR               |                        | WVTR             |                       | RECOMMENDED SEAL TEMP RANGE |           |
|--------------|-----------|------|-------------------|------------------------|------------------|-----------------------|-----------------------------|-----------|
|              | µm        | mil* | cc/m <sup>2</sup> | cc /100in <sup>2</sup> | g/m <sup>2</sup> | g /100in <sup>2</sup> | °C                          | °F        |
| Non-Forming  | 70        | 3    | < 2.0             | < 0.13                 | < 9.0            | < 0.58                | 130 ~ 145                   | 266 ~ 293 |
| Non-Forming  | 100       | 4    | < 1.0             | < 0.06                 | < 7.0            | < 0.45                | 130 ~ 145                   | 266 ~ 293 |
| Forming      | 100       | 4    | < 1.0             | < 0.06                 | < 7.0            | < 0.45                | 130 ~ 145                   | 266 ~ 293 |
| Forming      | 125       | 5    | < 1.0             | < 0.06                 | < 6.0            | < 0.39                | 130 ~ 145                   | 266 ~ 293 |
| Forming      | 150       | 6    | < 0.7             | < 0.05                 | < 5.0            | < 0.32                | 130 ~ 145                   | 266 ~ 293 |
| Forming      | 175       | 7    | < 0.6             | < 0.04                 | < 4.0            | < 0.26                | 130 ~ 145                   | 266 ~ 293 |
| Forming      | 225       | 9    | < 0.3             | < 0.02                 | < 3.0            | < 0.19                | 130 ~ 145                   | 266 ~ 293 |

| Standard Barrier | THICKNESS |      | OTR               |                        | WVTR             |                       | RECOMMENDED SEAL TEMP RANGE |           |
|------------------|-----------|------|-------------------|------------------------|------------------|-----------------------|-----------------------------|-----------|
|                  | µm        | mil* | cc/m <sup>2</sup> | cc /100in <sup>2</sup> | g/m <sup>2</sup> | g /100in <sup>2</sup> | °C                          | °F        |
| Non-Forming      | 70        | 3    | < 85              | < 5.5                  | < 9.0            | < 0.58                | 130 ~ 145                   | 266 ~ 293 |
| Non-Forming      | 100       | 4    | < 65              | < 4.2                  | < 7.0            | < 0.45                | 130 ~ 145                   | 266 ~ 293 |
| Forming          | 100       | 4    | < 65              | < 4.2                  | < 7.0            | < 0.45                | 130 ~ 145                   | 266 ~ 293 |
| Forming          | 125       | 5    | < 45              | < 2.9                  | < 6.0            | < 0.39                | 130 ~ 145                   | 266 ~ 293 |
| Forming          | 175       | 7    | < 35              | < 2.3                  | < 4.0            | < 0.26                | 130 ~ 145                   | 266 ~ 293 |

- \*Comparable mil thickness
- Precise sealing temperature depends on machine speed, pocket depths & other factors. Please consult your Flair representative for details.