



DATA SHEET

Polyurethane

Thickness .015625 90 Shore

Information provided by the manufacturer of the polyurethane resin used in the manufacture of the products indicates these resins meet certain FDA requirements.

Documentation from this supplier states that if the urethane materials are left in their natural state (not pigmented), they meet the chemical requirements of FDA regulations 21 CFR 177.1680 (polyurethane resins) and 21 CFR 177.2600 (rubber articles intended for repeated use).

Under 21 CFR 177.1680 (polyurethane resins), the resins cited may be used as the food- contact surface of articles intended for use in contact with bulk quantities of dry solid foods with the surface containing no free fat or oil. In addition, an appropriate sample of the finished resin in the form in which it contacts food must meet the abrasion test cited in paragraph C of the regulation.

The material also meets the chemical requirements of 21 CFR 177.2600 (rubber articles intended for repeated use). Under 21 CFR 177.2600, the resins cited may be used in rubber articles that contact dry, aqueous and fatty foods provided that the finished article meets the appropriate criteria. This regulation also contains tests for the finished article.

For use with dry foods, there is no extractives criterion to be met. For use with aqueous foods, the food-contact surface of the article must meet the extractives criterion described in paragraph E of the regulation. For use with fatty food, the food-contact surface on the article must meet the extractives criterion established in paragraph F of the regulation.

Please note that Thunder Technology LLC. assumes no responsibility for testing and determining any articles compliance. The determination of compliance with the abrasion and extraction tests is the responsibility of the purchaser of the finished article.