

TECHNICAL DATASHEET: 40 Durometer FDA Grade Industrial Natural Rubber

PRODUCT DESCRIPTION

40 Durometer FDA Grade Natural Rubber is an odorless, tasteless and non-toxic rubber product that displays a natural resistance to bacterial growth.

TYPICAL APPLICATIONS

- General gaskets, counter tops, non-slip pads and skirting used in food processing
- Butcher shops, pharmaceutical processing, commercial kitchens, hospitals, food processing plants, cosmetics industry, industrial plants and grocery stores

PRODUCT FEATURES & BENEFITS

- Superior abrasion resistance
- Excellent rebound elasticity (snap)
- Good flexibility
- High tensile strength
- Meets FDA 21 CFR 177.2600

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 3/32", 1/8", 3/16", 1/4"	
COLOR	Beige	
FINISH	Smooth	
POWDER	Yes	
POLYMER	Natural Rubber	
DUROMETER/HARDNESS (SHORE A)	40	ASTM D2240
TENSILE STRENGTH	2000 psi min.	ASTM D412
ULTIMATE ELONGATION	400% psi min.	ASTM D412
COLD TEMPERATURE	-40°F min.	ASTM D2137
COMPRESSION SET 22 HOURS @ 158°F	50% max	ASTM D395B
TEMPERATURE RANGE	-20°F to 180°F	
SPECIFIC GRAVITY	1.14 gr/cc	
HARDNESS CHANGE AFTER HEAT AGING 70 HOURS @ 158°F	15 points max.	ASTM D573
TENSILE CHANGE AFTER HEAT AGING 70 HOURS @ 158°F	+/- 30% max.	ASTM D573
ELONGATION CHANGE AFTER HEAT AGING 70 HOURS @ 158°F	-50% max.	ASTM D573
FDA 21 CFR 177.2600	Pass	
ASTM D2000: 2AA420A13F17	Rated	

NOTE: Additional thicknesses by special request.

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**