

## TECHNICAL DATASHEET:

### 60 Durometer FDA Grade Industrial Nitrile

#### PRODUCT DESCRIPTION

60 durometer FDA grade solid nitrile, is an odorless, tasteless and non-toxic product that displays a natural resistance to bacterial growth.

#### TYPICAL APPLICATIONS

- Excellent gasket material for appliances, such as blenders, food processors, etc.
- Excellent resistance to oil where food items are present (animal fat and vegetable oil)
- Dairy 3A certified for milk production
- 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

- Meets FDA 21 CFR 177.2600
- Excellent resistance to petroleum-based hydraulic fluids
- Very good resistance to alkalis and acids
- White color easily visible in most applications

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 3/32", 1/8", 3/16", 1/4", 3/8", 1/2"	
COLOR	White	
FINISH	Smooth	
POLYMER	NBR / SBR	
DUROMETER/HARDNESS (SHORE A)	60	ASTM D2240
TENSILE STRENGTH	1,000 psi min.	ASTM D412
ULTIMATE ELONGATION	300% min.	ASTM D412
COMPRESSION SET, 22 HOURS @ 212°F	50% max.	ASTM D395B
SPECIFIC GRAVITY	1.4 gr/cc	
TEMPERATURE RANGE	-40°F to 200°F	
HARDNESS CHANGE AFTER HEAT AGING 70 HOURS @ 212°F	±15 points max.	ASTM D573
TENSILE HEAT AGING @ 70 HOURS @ 212°F	±30% max.	ASTM D573
ELONGATION CHANGE AFTER HEAT AGING 70 HOURS @ 212°F	-50% max.	ASTM D573
VOLUME CHANGE AFTER OIL AGING #3 70 HOURS @ 212°F	60% max.	ASTM D471
PETROLEUM-BASED HYDRAULIC FLUIDS RESISTANCE	Very Good	
FDA 21 CFR 177.2600	Pass	
ASTM D2000: 1BF610	Rated	

**NOTE:** Material is within Commercial Sheet Rubber Tolerances.

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**