

Technical Data

Food Grade Rubber Sheets (FoodSafeNR60 Pro)

FoodSafeNR60 Pro

Model: RS-FOSA(P)-NR14060

FoodSafeNR60 Pro is a food-grade natural rubber sheet designed for general-purpose sealing, cushioning, and lining in dry and moderately wet food environments.

Its off-white, non-marking surface helps maintain hygiene standards, while its flexible and resilient structure supports applications like gaskets, padding, and conveyor skirting in bakeries, dairy units, and packaging zones.

Engineered for environments requiring moderate mechanical performance, this sheet is easy to handle, install, and clean, making it a practical solution for light-duty food processing needs. It meets standard food safety requirements and helps reduce contamination risks in sensitive zones.

FoodSafeNR60 Pro adds value by combining hygienic compliance with ease of fabrication, making it ideal for food facilities that require frequent replacement or routine cleaning.

Its softness and resilience help absorb vibration and reduce noise in food-handling systems, contributing to smoother operations. The sheet's practical performance-to-cost ratio makes it suitable for widespread use in low-impact, high-throughput areas.

PRODUCT FEATURES



Food-safe formulation compliance

Ensures suitability for direct contact in dry food handling and packaging areas



Off-white, non-marking surface

Maintains visual cleanliness and minimizes contamination risk in food zones



Flexible and resilient structure

Offers cushioning for work surfaces or equipment, reducing wear and material damage



Good mechanical integrity

Performs reliably in bakery tables, dairy sorting lines, and packaging units without frequent replacement



Smooth, hygienic finish

Easy to clean and supports food-grade hygiene standards like HACCP



Easy to cut and install

Reduces installation time and effort for custom gaskets, liners, and shelf pads



DID YOU KNOW?

Food-grade rubber must meet FDA 21 CFR 177.2600 standards, ensuring it does not impart taste or odor while resisting microbial growth—critical for food processing and packaging industries.

(Source: FDA Compliance Guidelines)



MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES	
PHYSICAL & MECHANICAL PROPERTIES				
Tensile Strength	ASTM D412	4.0 MPa (Min)	4.2 MPa	
Elongation at Break	ASTM D412	250% (Min)	256%	
Hardness	ASTM D2240	60° ± 5° Shore A	62° Shore A	
Specific Gravity	ASTM D297	1.50 ± 0.05	1.52	
Working Temperature	-	-10 °C to +70 °C	Conforms	
CHEMICAL RESISTANCE				
Ozone	Dilute Acids & Bases	Conc. Acids & Bases	Oils	Solvents
Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
IDENTIFICATION				
Branding	Duratuf			
Colour	Off-White			
Grade	Pro			
Polymer	NR/SBR			
Finish	Top & bottom plain			
Packaging	With white coloured HDPE woven fabric			
Labelling	Label indicating Product Name, Dimensions, Batch No., Mfg. Month & Year, Quantity, and Package No. to allow traceability			

Note: Manufacturing tolerance of ± 10% on thickness, ± 2% on width and length and ±10% on weight shall be applicable.

Applications	<ul style="list-style-type: none"> • Dry food processing and packaging lines • Food-safe gaskets in bakery ovens and trays • Sealing mats in dairy bottle washing or sorting • Conveyor skirting in light-duty food handling zones • Tabletop or shelf liners in dry food storage • Pads for cutting boards or meat preparation surfaces (dry) • Flooring protection in low-temperature storage units
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Ordering Information

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