



## Technical Data

### Food Grade Rubber Sheets (FoodSafe EPDM60 Pro)

## FoodSafe EPDM60 Pro

**Model: RS-FOSA(P)-EPDM14060**

FoodSafe EPDM60 Pro is a premium food-grade EPDM rubber sheet designed for moisture-rich, chemically active, and hygiene-critical environments. Its non-toxic, off-white surface supports food safety compliance, while its formulation provides exceptional resistance to steam, water, and cleaning agents, including both acidic and alkaline solutions.

This sheet performs reliably in high-temperature washdown zones, making it well-suited for use in dairies, beverage plants, cleanrooms, and pharmaceutical units. It helps maintain sealing efficiency and material stability in both static and semi-dynamic systems exposed to cleaning cycles and outdoor conditions.

FoodSafe EPDM60 Pro delivers long-term performance in sanitation-heavy environments where water resistance and chemical durability are essential.

Its compatibility with CIP (Clean-in-Place) routines helps minimize hygiene failures and improve regulatory compliance. This reduces downtime, lowers sanitation-related wear, and supports safer, cleaner operations across wet processing lines.

## PRODUCT FEATURES



### Steam and washdown resistant

Ideal for CIP zones and hot wash areas, maintaining performance through repeated cleaning



### Food-safe, non-marking finish

Supports hygiene-critical tasks with clean visuals and minimal contamination risk



### Chemically stable

Maintains sealing even under acidic or alkaline cleaners in food production



### Heat-resistant and elastic

Performs reliably in hot water, steam, and thermal cycling environments



### Ozone and UV resistant

Suitable for semi-exposed or outdoor processing areas



### Moisture durable

Withstands wet, humid conditions in dairies, beverage plants, and pharma setups



## DID YOU KNOW?

Food-grade rubber does not pass on taste or odor, and resists microbial growth, which is critical for food processing and packaging industries.

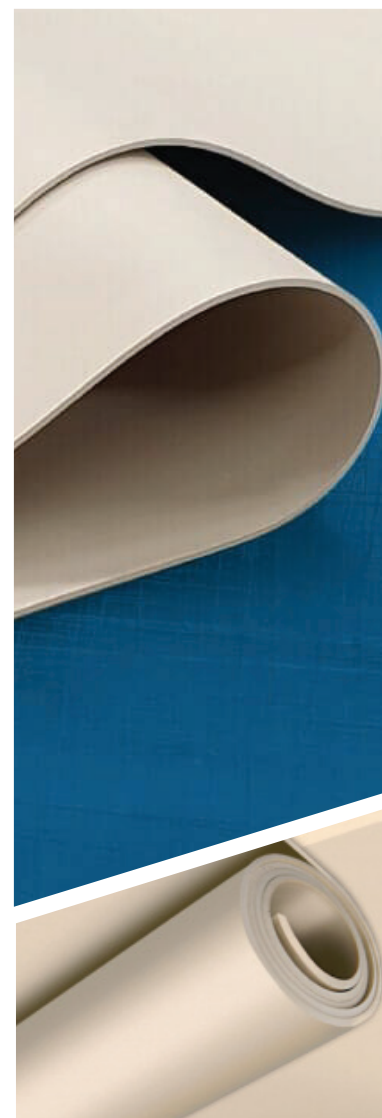
(Source: FDA Compliance Guidelines)



MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES	
PHYSICAL & MECHANICAL PROPERTIES				
Tensile Strength	ASTM D412	5.0 MPa (Min)	5.4 MPa	
Elongation at Break	ASTM D412	250% (Min)	259%	
Hardness	ASTM D2240	60° ± 5° Shore A	61° Shore A	
Specific Gravity	ASTM D297	1.30 ± 0.05	1.31	
Working Temperature	-	-10 °C to +110 °C	Conforms	
CHEMICAL RESISTANCE				
Ozone	Dilute Acids & Bases	Conc. Acids & Bases	Oils	Solvents
Excellent	Excellent	Excellent	Excellent	Not Recommended
IDENTIFICATION				
Branding	Duratuf			
Colour	Off-White			
Grade	Pro			
Polymer	EPDM			
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"> <li>Sealing and lining in beverage bottling and water purification plants</li> <li>Gaskets in pharmaceutical and dairy processing lines</li> <li>Lining in fruit and vegetable washing systems</li> <li>Non-toxic splash guard sheets in clean-in-place units</li> <li>Flooring pads in high-temperature or humid food areas</li> <li>Door and lid seals in industrial steamers or ovens</li> <li>Covers or spacers in outdoor food vending units</li> </ul>
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## Ordering Information

Please provide the following details for accurate order processing

