

# FOOD GRADE RUBBER SHEET

Non-toxic | Non-allergic | Oil & Grease Resistant | Heat Resistant | White Colour



## Overview

Duratuf Food Grade Rubber Sheet is a white, Hygienic Rubber Sheet, which is available in different types of base polymers viz. Silicone, Nitrile, EPDM & Natural/SBR Rubber Blend. The Nitrile Food Grade Rubber Sheet resists food based oil and grease suitable for repeated and long term contact with food. It is non-toxic, non-marking and non-allergenic. It has good physical properties including mechanical strength, making it suitable for gasket sealing applications.

Our Food Grade Rubber Sheets are available in a variety of choices based on base polymer, hardness, specific gravity, surface finish, mechanical properties, oil resistant properties, temperature resistance etc. Correct grade and polymer selection is essential for proper functioning and long life of the sheets.

## Technical Information

Product Code	Polymer	Sp. Gravity	Hardness (Shore A)	Tensile Strength (Min.)	Elongation (Min.)	Colour	Temp. Range
FG12560P (SI)	SI	1.25	60° ± 5°	6 MPa	350%	Trans-lucent	-50°C to +200°C
FG12555P (NBR)	NBR	1.25	55° ± 5°	6 MPa	350%	White	-25°C to +90°C
FG12560P (EP)	EPDM	1.25	60° ± 5°	7 MPa	400%	White	-30°C to +120°C
FG14565S (NBR)	NBR	1.45	65° ± 5°	4 MPa	200%	White	-25°C to +90°C
FG14565S (EP)	EPDM	1.45	65° ± 5°	4 MPa	250%	White	-20°C to +90°C
FG14560S (NR)	NR/SBR	1.45	60° ± 5°	5 MPa	250%	White	-20°C to +70°C
FG CD	NR/SBR/ NBR/SI/ EPDM	1.10 to 1.50	40° ± 5° to 70° ± 5°	4 MPa to 19 MPa	200 to 600%	Any	-50°C to +200°C

P – Premium Grade | S – Superior Grade | CD - Custom Design

<b>Standard Thickness</b>	2mm, 3mm, 5mm, 6mm, 10mm, 12mm, 16mm, 20mm 25mm
<b>Standard Roll Size</b>	1200mm x 10Mtrs for upto 10mm & 1200mm x 5M for upto 25mm thick
<b>Standard Finish</b>	Both Sides Smooth (SS)

Cut lengths, strips, custom shapes, surface finish and colours are available upon request

Note: Manufacturing tolerance of ± 10% on thickness, ± 5% on length & ± 2% on width shall be applicable



## Applications

Duratuf Food Grade Rubber Sheet has been designed primarily for use as a flexible strip, pad or gasket for handling or storage applications for food and is mainly used for Sealing, Insulating, Isolating and Protecting, steel or other surfaces. Its properties make it suitable for use in a wide range of applications including:

- > Flange gaskets on pipes and tanks
- > Lining of pipes and tanks
- > Lining of food processing equipment
- > Bumper protection strips
- > Transfer and joining sleeves
- > Insulating strip
- > Food grade Scrapers
- > Pulley Lagging

## Inquiry/Ordering Info

- > Thickness x Width x Length \*
- > Hardness \*
- > Specific Gravity \*
- > Base Polymer \*
- > Colour \*
- > Surface Finish \*
- > Tensile Strength & Elongation \*
- > Total Quantity Required \*
- > Working Temperature in °C \*
- > Application/End Use

\* Mandatory