It provides Oil/water/heat resistance, sealability and color property

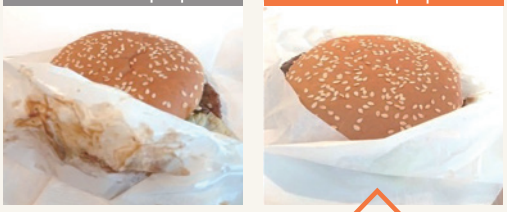
in a single layer

FILLHARMO® series

Water-based coating agent that makes substrates oily, water resistant and heat-sealability.
FILLHARMO® series

● Excellent oil and water resistance

Uncoated paper | Coated paper



Resists meat juices and sauces

● Heat-sealing performance

Can reduce adhesive layers



● Ingredients listed on national positive lists

Japan's revised Food Sanitation Act
US FDA

● Fluorine-free

Supports PFAS compliance
Excellent oil and water resistance without fluorine

Product	FILLHARMO® GS500 (standard, water-repellent)	FILLHARMO® GS411 (standard, moderate water resistance)	FILLHARMO® NS215 (FDA compliant)	in development FILLHARMO® CBN-001 (colored)	in development FILLHARMO® NS600 (low-temperature sealing)	in development FILLHARMO® GS613 (high heat resistance)
Oil resistance	○	○	○	○	○	○
Water resistance	○	○	○	○	○	○
Sealing temperature	120℃	120℃	100℃	120℃	80℃	200℃
Positive list	Japan Food Sanitation Act FDA (subject to conditions)	Japan Food Sanitation Act FDA (subject to conditions)	Japan Food Sanitation Act FDA	Japan Food Sanitation Act	Japan Food Sanitation Act	Japan Food Sanitation Act

Colored FILLHARMO®



Food-contact colored layer;
maintains water resistance

Low-temperature heat-seal coating



Low-temperature sealing and blocking resistance

High heat resistance



Even during high-temperature processing,
the coating stays intact

artience