

COLD-CHAIN PACKAGING & STORAGE SOLUTIONS FOR COVID-19 VACCINES

WITH LEXAN™ (PC) FILM & SHEET



While pharmaceutical companies are highly focused on vaccine development, they are also in need of cold-chain packaging and storage solutions to ensure that the vaccines are delivered and used without damage. Next to that cold-chain equipment, refrigerator manufacturers are looking for cladding / interior options to meet the challenging COVID-19 vaccine packaging and logistics demands. We have the right solution for you!

SABIC's LEXAN™ Film & Sheet solutions are currently being used successfully by leading vaccine packaging manufacturers and are ideal for this specific application need. Our solutions **comply with FDA/NSF regulations** and meet **USP-VI criteria**. COVID-19 vaccines require shipping at cold temperatures and extended storage in ultra-low temperature freezers. This requires packaging material that can **survive low temperatures of -70°C for up to 6 months** and maintain mechanical integrity. These materials are easily processed with typical forming and die-cutting equipment.



SUPERIOR STIFFNESS
Cold bending and thermoforming flexibility



COMPLIANT
USP Class VI compliant
FDA/NSF certified



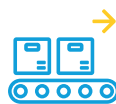
EXCELLENT MECHANICAL STRENGTH
Brittleness temperature -135°C



FOLDING ENDURANCE
Withstands up to 250 – 400 folds



PRINTABLE
For customized design & aesthetics



EASY DIE-CUTTING
Designed to provide added value performance through potentially low systems costs



AVAILABLE GRADES	DESCRIPTION	SOLUTION FOR
LEXAN™ 8B45 FILM 	Transparent film, Matte / Velvet texture Availability: Width: 48" and 60" (1220 mm – 1520 mm) Gauges: 3 mil to 20 mil (0.075 mm to 0.500 mm)	COVID-19 packaging & wrapping
LEXAN™ 8040 FILM 	Clear film, Polish / Polish Availability: Width: 48" and 60" (1220 mm – 1520 mm) Gauges: 7 mil to 30 mil (0.175 mm to 0.750 mm)	COVID-19 packaging & wrapping
LEXAN™ 9444/9440 SHEET 	Clear sheet, Polish / Polish Availability: Multiple colors Width: 48" and 90" (1220 mm – 2280 mm) Gauges: 0.030" to 0.500" (0.8 mm to 12.7 mm)	Cold-chain equipment / refrigerators cladding and interiors needs

CONTACT US

SABIC Global Headquarters

PO Box 5101
Riyadh 11422
Saudi Arabia
T +966 (0) 1225 8000
F +966 (0) 1225 9000
E info@sabic.com

Americas

SABIC Functional Forms
2500 CityWest Boulevard
Suite 100
Houston, Texas 77042
USA
T +1 800 323 3783
F +1 888 443 2033
E spinside.sales@sabic.com

Europe

SABIC Functional Forms
Plasticslaan 1
4612 PX
Bergen op Zoom
The Netherlands
T +31 (0)164 293684
F +31 (0)164 293272
E ff.info@sabic.com

Pacific

SABIC Functional Forms
2550 Xiupu Road
Pudong
201319 Shanghai
China
T +86 21 3222 4500
F +86 21 6289 8998
E ff.info@sabic.com

THE MATERIALS, PRODUCTS AND SERVICES OF SABIC INNOVATIVE PLASTICS HOLDING BV, ITS SUBSIDIARIES AND AFFILIATES ("SELLER"), ARE SOLD SUBJECT TO SELLER'S STANDARD CONDITIONS OF SALE, WHICH CAN BE FOUND AT <http://www.sabic.com> AND ARE AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION OR RECOMMENDATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SELLER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING SELLER'S PRODUCTS, SERVICES OR RECOMMENDATIONS. EXCEPT AS PROVIDED IN SELLER'S STANDARD CONDITIONS OF SALE, SELLER SHALL NOT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user is responsible for making its own determination as to the suitability of Seller's products, services or recommendations for the user's particular use through appropriate end-use testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. No statement by Seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of such product, service or design in a manner that infringes any patent or other intellectual property right.

SABIC and brands marked with ™ are trademarks of SABIC or affiliates.

© Copyright 2021. All rights reserved.

