

Comparison of Technical Features

PRODUCT OVERVIEW

NBC

JAPANESE PRECISION FABRICS FOR SUSTAINABLE
HIGHER MASS DURABILITY IN SCREEN PRINTING



SCREENPRINTING MESH

PVF MESH & SCREEN
TECHNOLOGY

PRODUCT	MATERIAL	TENSILE STRENGTH	DIMENSIONAL STABILITY	ADHESION WITH EMULSION	ANTI-STATIC CAPABILITY	COLOR AVAILABILITY	SUITABLE APPLICATIONS
V-SCREEN NEXT	TLCP Thermotropic Liquid Crystal Polyarylate	2100N/mm ²	Top Level Long Run Press	Good	N/A	Beige	Solar Cell, MLCC, LTCC, PWB, LCD, TSP etc.
METAL SERIES M-10	SUS 304	1000N/mm ²	Top Level	Good	Effective for Print	Metallic	Solar Cell, PWB, Capacitor, HIC, Bottle, Hotmelt Ink etc.
METAL SERIES M-13	SUS 304	1300N/mm ²	Top Level	Good	Effective for Print	Metallic	Solar Cell, Capacitor, HIC, PWB etc.
METAL SERIES M-30	Super SUS	3000N/mm ²	Top Level	Good	Effective for Print	Metallic	Solar Cell, MLCC, LTCC, HIC etc.
METAL SERIES W-40	Tungsten	4000N/mm ²	Top Level	Good	Effective for Print	Metallic	Solar Cell, MLCC, LTCC, HIC etc.
METAL SERIES HDM	SUS 304	1000N/mm ²	Top Level	Good	Effective for Print	Metallic	Thick-Film, Ceramic Decal etc.
α ALPHA SERIES L SCREEN	Conjugated High Modulus Polyester	850N/mm ²	Excellent	Excellent	Effective till Degreasing	White Amber Lemon	PWB, Graphic, DVD, Name Plate, Decal, Glass, Bottels, Textile etc.
α ALPHA SERIES UX SCREEN	Super High Modulus Polyester	790N/mm ²	Excellent	Excellent	Effective till Degreasing	White Amber Lemon	PWB, Graphic, DVD, Name Plate, Decal, Glass, Bottels, Textile etc.
α ALPHA SERIES EX SCREEN	High Modulus Polyester	600N/mm ² or higher	Excellent	Excellent	Effective till Degreasing	White Amber Lemon	PWB, Graphic, DVD, Name Plate, Decal, Glass, Bottels, Textile etc.
AS SCREEN	High Modulus Polyester	600N/mm ² or higher	Excellent	Excellent	Effective for Print	White Amber Lemon	Plastic Substrates
CATEX L SCREEN	Conjugated High Modulus Polyester	850N/mm ²	Good	Good	Effective till Degreasing	White Amber Lemon	Graphic & Clear Coat
CATEX UX SCREEN	Super High Modulus Polyester	790N/mm ²	Good	Good	Effective till Degreasing	White Amber Lemon	Graphic & Clear Coat
CATEX EX SCREEN	High Modulus Polyester	600N/mm ² or higher	Good	Good	Effective till Degreasing	White Amber Lemon	Graphic & Clear Coat
β BETA SERIES EX SCREEN	High Modulus Polyester	600N/mm ² or higher	Good	Good	N/A	White Amber Lemon	Textile, Garments, Glass, Ceramic Tile etc.
NL SCREEN	Nylon PA 6.6	450N/mm ² or higher	Unsuitable	Excellent	N/A	White Amber	Bottle, Container, Curved Surface