



Date: June, 2025

**Notice of Discontinuation and Successor Product Release
Due to Material Change for Plastic Screws: SPV Series**

Dear Valued Customer,

We hope you are doing well and appreciate your continued support of NBK.
Please be informed that we will change the material used in the SPV Series plastic screws.
Due to this change, the SPV Series will be discontinued and replaced by the successor product, the SPV1 Series. Your understanding and continued support are greatly appreciated.

Applicable Products:

Product Name	Before (Discontinued)	After (New)
Plastic Screws (PVDF / Hex Socket Head Bolt)	SPV-C	SPV-C1
Plastic Screws (PVDF / Hex Head Bolt)	SPV-H	SPV-H1
Plastic Hex Nuts (PVDF)	SPV-N	SPV-N1
Plastic Washers (PVDF)	SPV-W	SPV-W1

Details of Change:

Due to the material change, certain physical properties will be revised.
Please note that the base material, PVDF (polyvinylidene fluoride), remains unchanged.

Discontinuation and New Product Release Date:

Tuesday, June 24, 2025

Please note that we will not accept returns or exchanges related to this change.

Global, including Taiwan and Korea

NBK (Nabeya Bi-tech Kaisha)

1, Toko-Taichi, Seki City, Gifu, 501-3939, Japan

Phone: +81(575)-23-1162

North America

NBK America LLC

307 East Church Road, Suite 7, King of Prussia, PA 19406, USA

Phone: +1 (484) 685-7500

Asia, Oceania

NBK ASIA MANAGEMENT PTE. LTD.

80 Robinson Road #10-01A Singapore 068898

Phone : +81(575)-23-7187

■ Physical Properties

Property	Test Method	Unit	Before (Kureha)	After (INOFLAR)
Tensile Strength	D638	N/mm ²	57	50-60
Elongation at Break	D638	%	70-80	>50
Flexural Strength	D790	N/mm ²	75	40-90
Flexural Modulus	D790	Gpa	1.99	1.2-2.1
Izod Impact Strength (Notched)	D256	J/m	160-375	110
Rockwell Hardness	D785	R/M Scale	R93-116	-
Heat Deflection Temperature (1.82MPa)	D648	°C	80	105-110
Flammability	UL94	-	V-0	V-0
Dielectric Constant (106Hz)	D150	-	10	4.5-9.5
Dissipation Factor (106Hz)	D150	-	0.015	-
Volume Resistivity ($\times 10^{14}$)	D257	$\Omega \cdot m$	0.1-1	2
Dielectric Breakdown Strength	D149	MV/m	300	20-25
Arc Resistance	D495	sec	-	-
Specific Gravity	D792	-	1.79	1.76-1.79
Water Absorption (23°C, 24h)	D570	%	0.03	<0.04
Glass Fiber Content	-	%	-	-

Note: The values listed are reference values and not guaranteed.

Global, including Taiwan and Korea

NBK (Nabeya Bi-tech Kaisha)

1, Toko-Taichi, Seki City, Gifu, 501-3939, Japan

Phone: +81(575)-23-1162

North America

NBK America LLC

307 East Church Road, Suite 7, King of Prussia, PA 19406, USA

Phone: +1 (484) 685-7500

Asia, Oceania

NBK ASIA MANAGEMENT PTE. LTD.

80 Robinson Road #10-01A Singapore 068898

Phone : +81(575)-23-7187