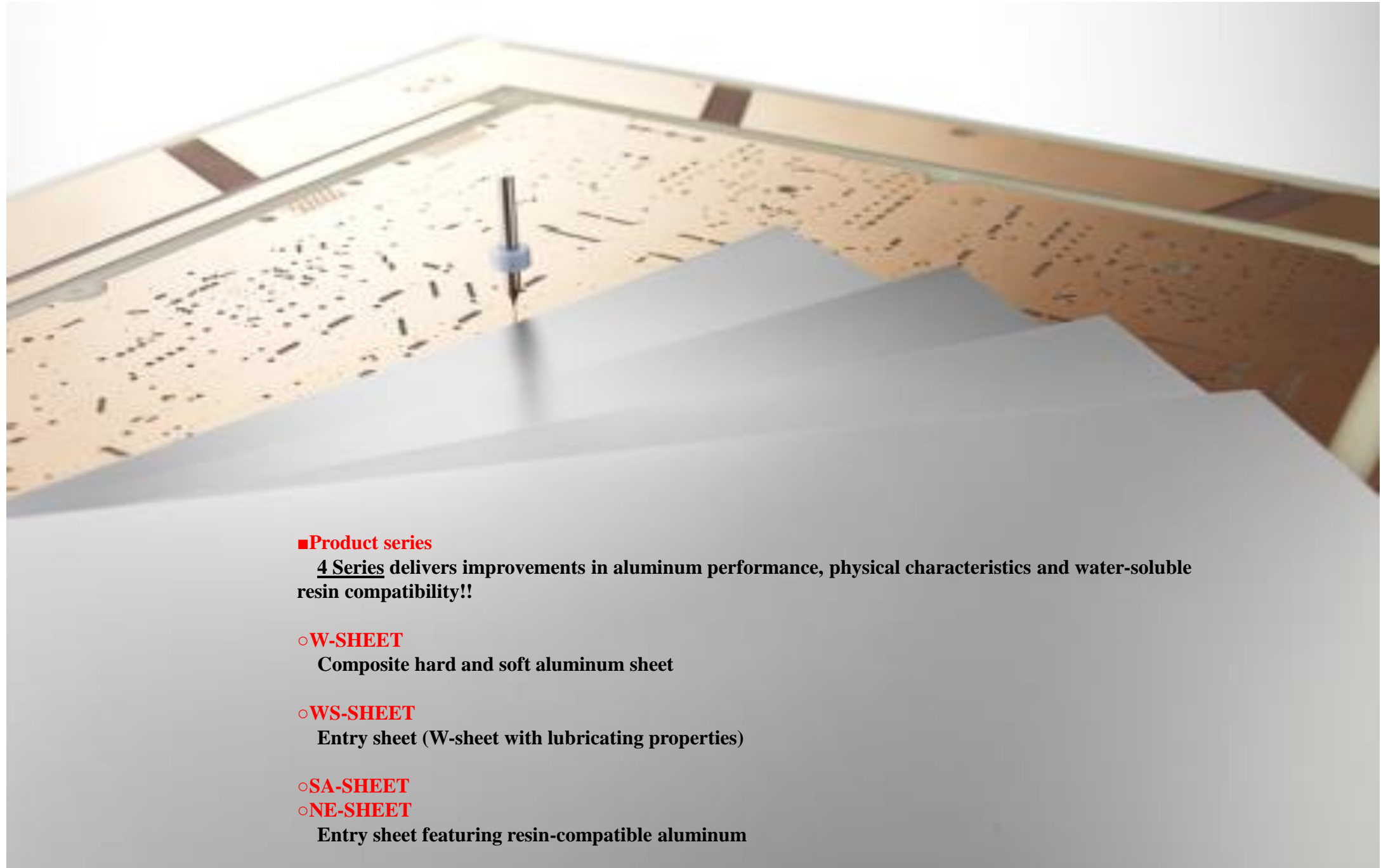


## Special-purpose entry sheet for processing printed substrate

Used for drilling holes in printed substrates. Reduces wear on drill bits and incidence of breakage and produces smoother holes with improved dimensional accuracy.

High-quality environmentally-friendly product made from aluminum and water-soluble resin.



■ **Product series**

**4 Series** delivers improvements in aluminum performance, physical characteristics and water-soluble resin compatibility!!

○ **W-SHEET**

Composite hard and soft aluminum sheet

○ **WS-SHEET**

Entry sheet (W-sheet with lubricating properties)

○ **SA-SHEET**

○ **NE-SHEET**

Entry sheet featuring resin-compatible aluminum

\*REACH SVHC 155 substance, below RoHS regulated content threshold  
Available in both sheet and roll form

Patent Nos. 03054357 and 04856511 (other patents held)

## ■Product line-up

Grade	Product name	Soft foil ( $\mu\text{m}$ )	Hard foil ( $\mu\text{m}$ )	Lubrication thickness ( $\mu\text{m}$ )	Compatible drill diameter	Structure
W-SHEET	W10030	30	70	-	0.10 to 0.25	Soft aluminum ----- Hard aluminum
	W15030	30	120	-	0.30 to 0.50	
	W15030V	30	120	-	0.30 to 0.50	
WS-SHEET	WS10030/25	30	70	25	0.10 to 0.20	Lubricating layer ----- AC layer ----- Soft aluminum ----- Hard aluminum
	WS10030/50	30	70	50	0.10 to 0.20	
	WS15030/25	30	120	25	0.15 to 0.30	
	WS15030/50	30	120	50	0.15 to 0.30	
NE-SHEET	NE80/25	-	80	25	0.10 to 0.15	Lubricating layer ----- AC layer ----- Hard aluminum
	NE120/50HIS	-	120	50	0.15 to 0.30	
SA-SHEET	SA70/25	-	70	25	0.075 to 0.12	Lubricating layer ----- AC layer ----- Hard aluminum
	SA145/50	-	145	50	0.15 to 0.30	