

**Touch Screen Panel /OGS/
TEMPERED GLASS WJ FORMING SOLUTION**

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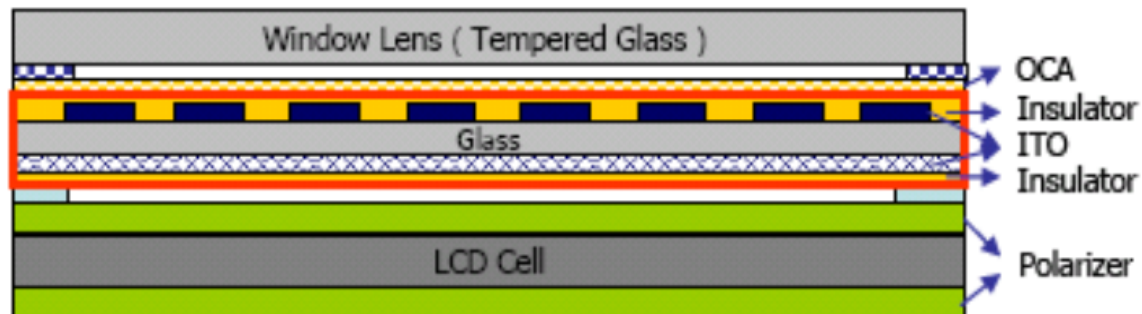
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URL: <http://www.molymer.co.jp>

Types of Touch Screen Panel

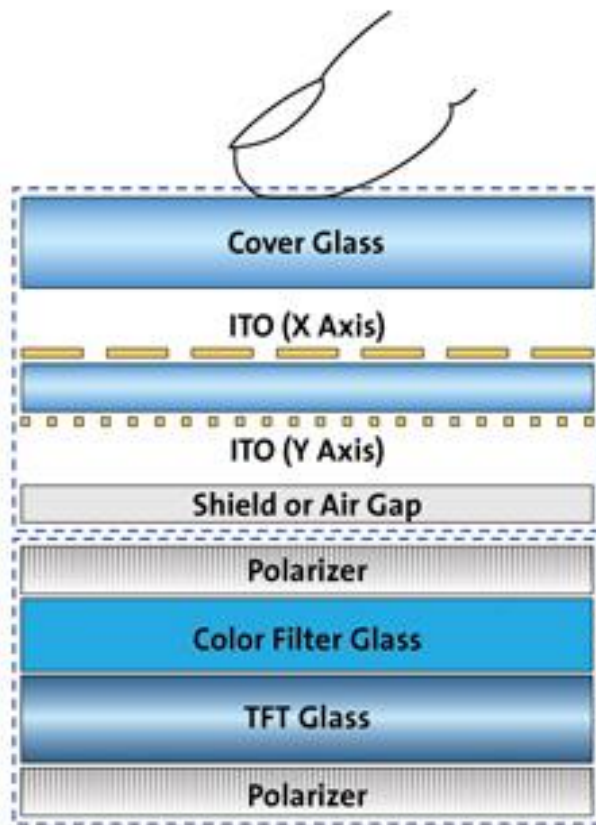
Touch Screen Panel (5 TYPES)

- * GG TYPE (COVER GLASS + SENSOR GLASS)
- * OGS TYPE (ONE GLASS SOLUTION)
- * SINGLE TOUCH TYPE (Resistive Type)
- * OUT CELL TYPE
- * IN CELL TYPE (i-Phone 5)

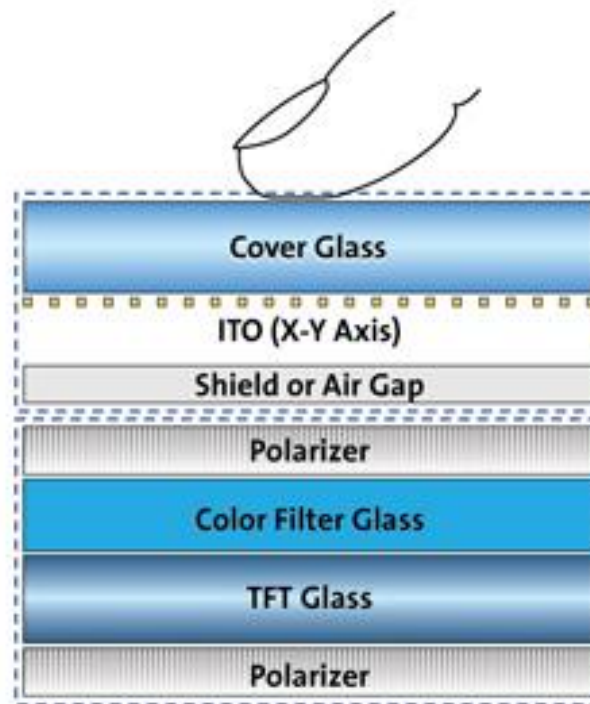


GG TYPE

Difference between GG and OGS (One Glass Solution)



Discrete Touch Module



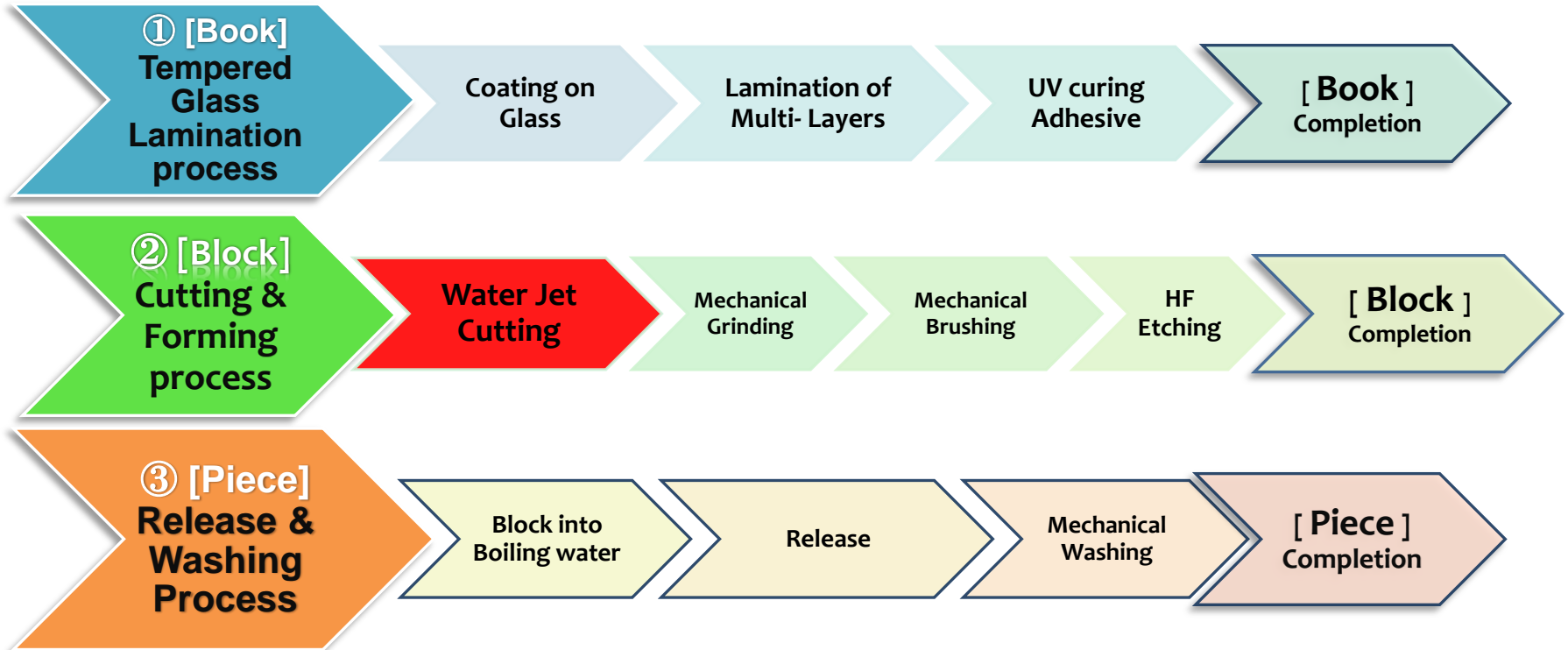
OGS / Corning IOX-FS Module

Types of Glass Materials

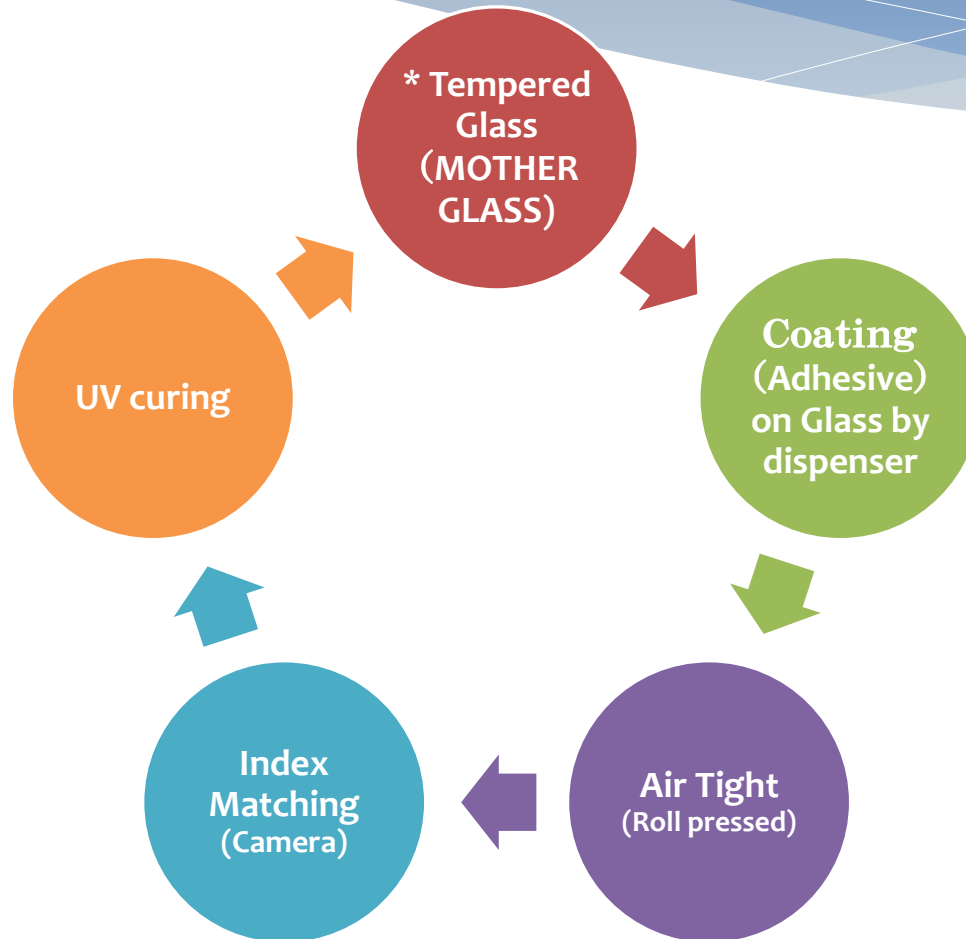
Tempered Glass Supplier

- | | |
|----------------------------------|---------------------|
| 1. CORNING (USA) | 「GORILLA 」 「IOX-FS」 |
| 2. Asahi Glass (Japan) | 「Dragon trail」 |
| 3. Nippon Electric Glass (Japan) | 「CX-1 」 |
| 4. Schott (Germany) | 「Xensation 」 |

OGS WJ-CUT PROCESS

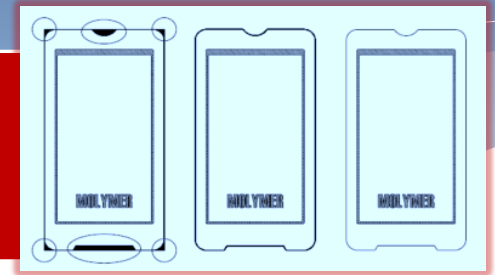


① [BOOK] Tempered Glass Laminating Process

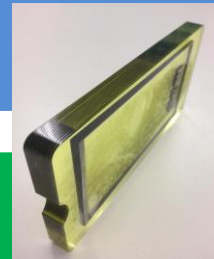


② [BLOCK] Cutting & Forming

Water Jet Cutting



Mechanical Grinding



Mechanical Brushing

HF Etching → Release → Washing

Cutting Machine Comparison

	Water Jet Machine	CNC Cutting Machine	Laser Cutting Machine
Cutting Speed	○	○	◎
Curve Forming	◎	×	○
Initial Cost	○	◎	△
Multi-Layer Glass Cutting	◎	○	△

Promotion of WJ – OGS PROCESS Business

Our Target ⇒ OGS

- Major OGS Processors in China, Taiwan and Korea such as Touch Screen Panel manufacturers and LCD module manufacturers.

✂ 8WJ machines are required for monthly production of 1 million OGS.

Thank you

END