



CUSHION OF YAMAUCHI

YOM series

YOM (Yamauchi Original Mat) is able to re-use for hundreds of times at the various press machine & the lamination machine. In addition to saving costs, environmental friendliness is achieved by reducing waste.

Characteristic

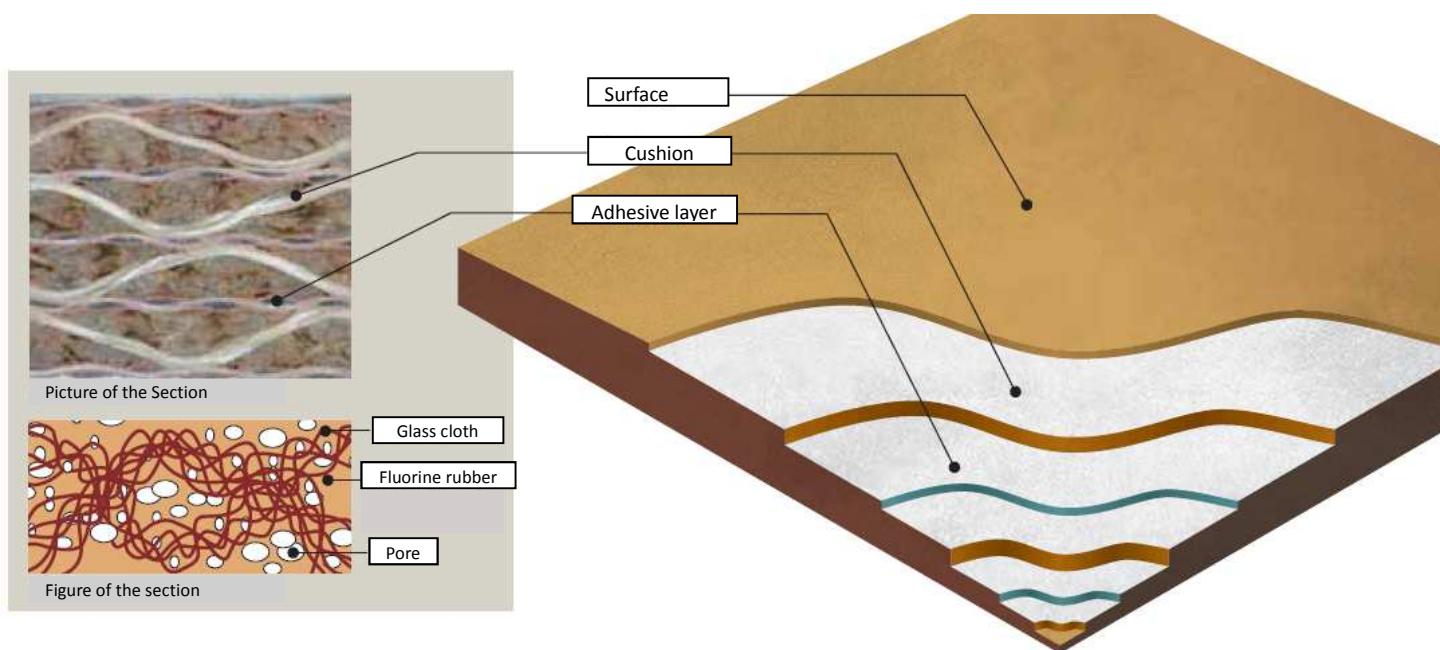
| | |
|-----------------------------------|---|
| Thickness accuracy of the product | High cushioning & High reconstruction |
| High thermal resistance | ~250°C※ |
| Long life | Little deformation under hundreds cycle |
| Low contamination | No dust development |
| Low pollution | Low moisture absorption & low gas development |

※We request to use Top Plate (The upper protection plate) if the temperature is exceed 230 C.

It is also recommended to use top plate even temperature is set less than 230C.

Composition

YOM is constructed by glass-fiber cloth and FRR (Fiber Reinforced Rubber) by fluorine rubber with keeping constant pore.



Transcend kraft paper as cushion pad, this is YOM.





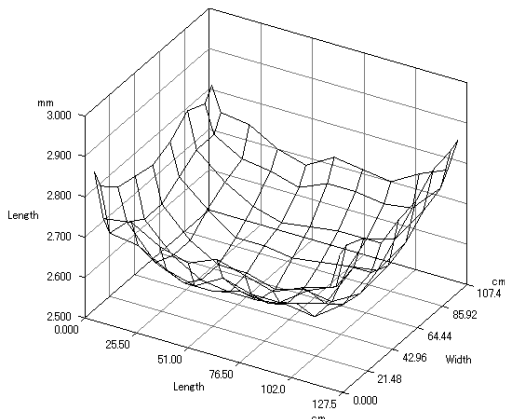
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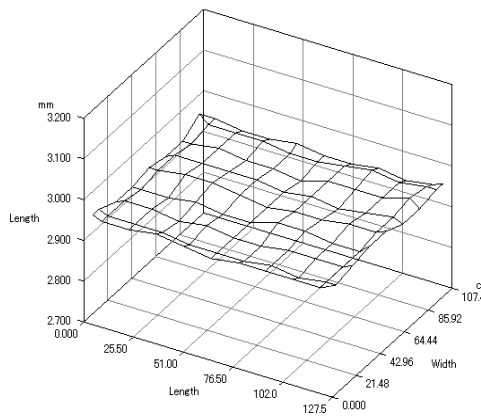
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Material Properties

Very low change of properties



(Kraft) pressured thickness after one cycle



(YOM) pressured thickness after 200cycles

Reduce uneven pressure



(Kraft) pressure distribution



(YOM) pressure distribution

High cushioning & restore properties

| | Compressive cushioning | Elasticity cushioning | Resore% |
|---------------|------------------------|-----------------------|---------|
| YOM 0cycles | 939 | 882 | 94 |
| YOM 200cycles | 673 | 624 | 93 |
| K.P 8pcs | 728 | 153 | 21 |

