

windows shielding with NPM-2 nano-printed mesh

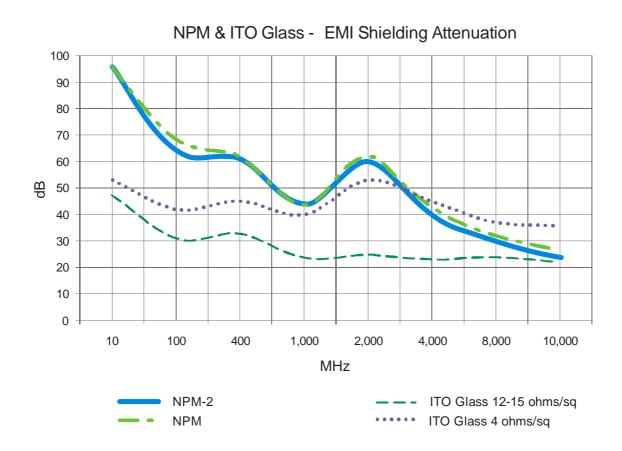


Nano-printed conductive mesh for windows EMI shielding / protection

The second generation of this material kind. As displays continue to evolve in size and definition, the new generation of NPM-2 offers the combination of higher light transmission and shielding effectiveness that is not achievable with ITO coatings.

	NPM-2	NPM
Light pitch spacing	300 µm / 85 opi	300 µm / 85 opi
Average line width	8 µm	25 µm
Open area	95%	83%
Surface resistance	≤0.25Ω/sq	≤0.25Ω/sq

At NPM-2 visibility (brightness and readability) of display window was improved. Also legibility in sun lighting was increased in comparison to the material consisting of copper mesh built-in transparent material layer (glass or plastic).



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