








HYDROMELT INX[®]

Hydrogel printing has never been easier

X HYDROMELT INX[®] is a synthetic hydrogel based on our patented **CURASOL[®]** technology. It allows processing from melt rather than from solution. After swelling, a very strong and robust hydrogel is obtained.

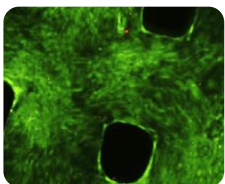
It is non-biodegradable and biologically inert, but can be coated with the provided coating to allow cells to adhere and proliferate on the scaffold.

Key Properties:

-  **Biocompatibility:** biocompatible and non-cell interactive
-  **Reproducibility:** Production under **strict quality control**
-  **Biostable:** suitable for long term applications.
-  **Processability:** The only hydrogel formulation which can be processed as a thermoplast thanks to CURASOL[®] technology
-  **Easy handling:** Delivered in a **ready-to-use** cartridge. Ready for printing after heating
-  **UV-crosslinkable:** CURASOL[®] based solid-state crosslinking
-  **Mechanical integrity:** Very robust hydrogel suitable for stiff tissue engineering applications

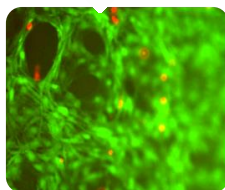
Application potential (under expansion):

Adipose Tissue



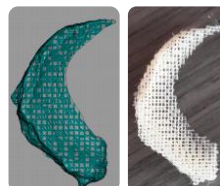
ASC

Bone Tissue



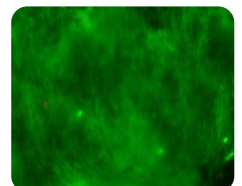
Osteoblasts

Cartilage



Chondrocytes

Skin



HFF