



Water Soluble and long lasting filler : Aquafilling® Filler

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■ Abstract

Aquafilling filler is a product that contains the strength of long lasting as a semi permanent filler and also proved for safety due to the fact that it's removable.

The aquafilling filler is a unique substance that dissolves in water, which makes it possible to be removed with saline solution post procedure.

Aquafilling is a hydrophilic gel, which acts as a depot for normal physiologic 0.9% sodium chloride solution, locked in the matrix of a three-dimensional spatial per molecular structure of synthetic linear polyamide.

Its structure is based on multiple hydrogen H-bonds arising between carbonyl and amine groups.

Availability of multiple active carboxylic groups gives positive charge to the polymer molecule and provides high hydrophilicity and water solubility.

Its positive charge the gel attracts soluble negatively charged molecules of the extra-cell matrix - collagen and elastin, thus providing long- lasting elasticity and strength of the skin. Aquafilling is a highly elastic dermal filler as it attracts the molecules of collagen and elastin

It degrades slowly and provides high safety and a long- lasting effect up to four times longer than any other hyaluronic acid dermal filler.