



fig. 1

Base-material

The basic material of DEDOTS consists of a chain-link fence (Betafence wire) or welded mesh panels.

Chain-link fence

The chain link fence is made of uninterrupted helices providing approximately square meshes (fig. 1). The wire is made of galvanized wire, or PVC coated (black or white).

chemical composition	
Element	%
C	≤ 0.10
Si	≤ 0.30
Mn	≤ 0.60
P	≤ 0.035
S	≤ 0.035

fig. 2

Wire

Nominal wire diameter: 3,3 mm (Real wire diameter: the arithmetical mean of the minimal and maximal diameter, measured in the same section of a straight piece of wire, by means of a micrometer accurate to 0,01mm)

Tensile strengths: 400 N/mm²

Chemical composition: compliant with EN 10 016 – C9D (fig. 2)

Zinc slabs: minimum 99,5% of pure zinc

PVC coating

Material: Polyvinyl Chloride (PVC), free from lead and cadmium

Thickness: approximately 0,4 mm in accordance with EN 10218-2

Mesh

Nominal standard mesh size: 45 mm (standard)

Maximum width: 2500 mm

Maximum length: 12500 mm