Title (en)

CORRUGATED HOSE

Title (de)

WELLSCHLAUCH

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TUYAU ONDULE

Publication

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Application

EP 05736244 A 20050422

Priority

- NL 2005000301 W 20050422
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Abstract (en)

[origin: WO2006004393A1] The invention relates to a plastic corrugated pipe (1) with a smooth inner wall (5) and a corrugated outer wall (2). The corrugated pipe comprises a plurality of annular corrugation profiles (2) which are arranged adjacent to one another and are each symmetrical with respect to a centre plane that extends perpendicular to the centre axis (3) of the pipe. Each corrugation profile has a cylindrical wall part (5) which is concentric with the centre axis of the pipe. Furthermore, each corrugation profile has a wall part which is substantially arcuate in axial section (6) and extends from the cylindrical wall part, in such a manner that the cylindrical wall part and the arcuate wall part delimit an annular cavity. The inner surface of the cylindrical wall parts which adjoin one another form the smooth inner wall of the pipe, and the outer surface of the arcuate wall parts which adjoin one another form the corrugated outer wall. The profile height (H) of the corrugation profile is 6.0-8.5% of the internal diameter (3D) of the pipe. The pitch (P) of the corrugation profile (2) is 15-23% of the internal diameter of the pipe. The width (W) of the corrugation profile is 77-82% of the pitch.

IPC 8 full level

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