CLAIMS

1. A heat-shrinkable monoaxially oriented film consisting of

- a first polymer ply A comprising at least one dark pigment,

- a second polymer ply B comprising at least one white pigment, and

- optionally at least one pigment ply, which is applied to the second polymer ply B and which constitutes a printing,

wherein the first polymer ply A and the second polymer ply B independently of one another comprise one or more polymers selected from the group of polyesters, polyolefins, polystyrenes and polyvinyl halides,

wherein

- the film has a thickness of from 20 µm to 100 µm,

- the thickness ratio of the first polymer ply A to the second polymer ply B lies in the range of 5:95 to 50:50,

- the light transmission of the film, measured according to ASTM D1003, is not more than 12 %, and

- the film after 15 seconds in a water bath having a temperature of 95°C exhibits a shrinkage in a main shrinking direction in the range of from 20 % to 85 %.

2. The heat-shrinkable film according to claim 1, characterised in that the second polymer ply B has an L* value, measured according to DIN 5033, of at least 85.

3. The heat-shrinkable film according to any one of the preceding claims, characterised in that at least one of the surfaces of the first polymer ply A and the second polymer ply B facing away from one another is smooth.

4. The heat-shrinkable film according to any one of the preceding claims, characterised in that the second polymer ply B has a roughness Rz, measured according to DIN EN ISO 4287, of more than 2.00 µm, preferably a roughness Rz in the range of from 4 µm to 6 µm.

5. The heat-shrinkable film according to any one of claims 1 to 3, characterised in that the second polymer ply B comprises cavities.

6. The heat-shrinkable film according to claim 5, characterised in that the first polymer ply A likewise comprises cavities, wherein the porosity of the second polymer ply B and of the first polymer ply A is identical.

7. The heat-shrinkable film according to any one of the preceding claims, characterised in that the second polymer ply B is printable.

8. The heat-shrinkable film according to any one of the preceding claims, characterised in that the first polymer ply A and the second polymer ply B independently of one another comprise a polyester.

9. The heat-shrinkable film according to any one of claims 1 to 7, characterised in that the first polymer ply A and the second polymer ply B independently of one another comprise a polyolefin.

10. The heat-shrinkable film according to any one of claims 1 to 7, characterised in that the first polymer ply A and the second polymer ply B independently of one another comprise a polystyrene.

11. The heat-shrinkable film according to any one of claims 1 to 7, characterised in that the first polymer ply A and the second polymer ply B independently of one another comprise a polyvinyl halide.

12. A hose comprising a heat shrinkable film according to any one of claims 1 to 11.

13. An object provided with a heat-shrinkable film according to any one of claims 1 to 11, or a corresponding film after heat shrinking, or a hose according to claim 12, or a corresponding hose after heat shrinking.

14. The object according to claim 13, wherein the first polymer ply A points toward the object and the second polymer ply B points away from the object.

15. A method for producing a heat-shrinkable film according to any one of claims 1 to 11, comprising:

- providing a first polymer A comprising at least one dark pigment;

- providing a second polymer B comprising at least one white pigment;

- coextruding a preliminary film comprising a first polymer ply A and a second polymer ply B;

- setting the preliminary film to an orientation temperature;

- orienting the preliminary film so as to obtain a heat-shrinkable film.