

MANUFACTURERS DECLARATION

BRACE[®] CONDUIT BMCG → UV

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 Germany



clarifies that the following products:

Product description:	BMCG-PVC-*(BG)-**-(GT), BMCG-PU-**-**
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are suitable for outdoor use. The products will be made from cadmium-free, flame-retardant and heat-stabilized raw materials. The raw materials are UV-stable, weather-resistant, chemical-resistant and resistant to the effects of ozone.

The conduits are made of galvanized steel with a plastic coating of PVC or PU.

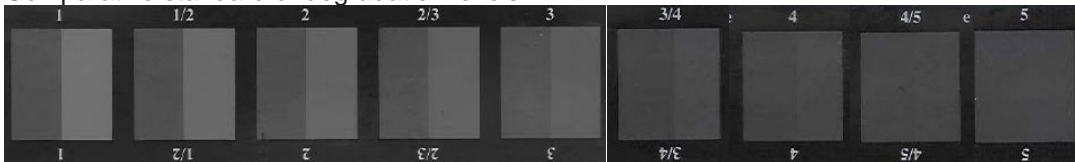
The UV resistance of the plastics used was proven by a UV test according to ISO 4892-2:2013. The duration of the tests was 500 h continuous irradiation with rain cycles [xenon light; 0.35 W/m²; (60 ± 2)°C; (50 ± 5)% relH; 250 x (102 min dry + 18 min irrigation)].

The results were evaluated in comparison to the "new material" as a deterioration of the color and structural characteristics in 5 degradation levels (1 = bad, 5 = very good).

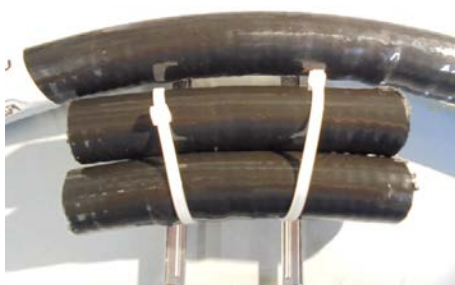
Conduits with plastic coatings made of PVC in the colors gray and black, as well as PU in the colors gray, black and blue, each in the nominal diameters 10 to 50 are tested.

Here are excerpts from the confidential test report CSI 0905\FPM\MATs\18:

1.) Comparative standard of degradation levels:



2.) Comparison of samples non-weathered - weathered



BMCG-PU-S-**-BK



BMCG-PU-S-**-BL



BMCG-PVC-S-**-LG



BMCG-PU-C-**-BL

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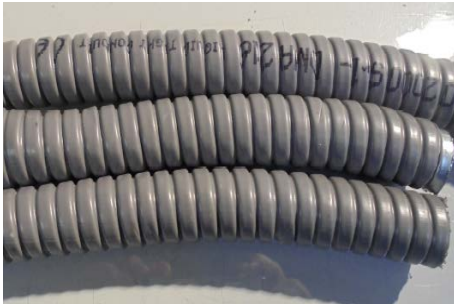
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3.) Evaluation:

At the end of the tests, no structural changes (fractures, cracks, layer loss) or color variations were detected in any sample. The weathered samples correspond to degradation level 5.

These values were also confirmed as part of the UL approval of the conduits BMCG-PVC-S-**-** (UL file E502921).

WISKA Hoppmann GmbH
Peter Gehre
Product Development & Innovation
Kaltenkirchen, 2021-10-27

(This document is created by machine and is legally valid without signature. Subject to technical changes).