

Statement regarding Silex GP Sheeting Products

01st September 2021

To Whom It May Concern:

All the ingredients used to manufacture the range of Silex GP solid silicone sheeting in colours, Translucent, Blue, Red Iron Oxide, Black and White are listed in FDA 21 CFR 177.2600.

The offered products are all manufactured in accordance with FDA guidelines set out in 21 CFR 177.2600.

The materials have undergone a post cure heat treatment to ensure the removal of volatile chemicals that could cause contamination issues in food stuffs.

Samples of the manufactured materials have been tested and found to comply with the extraction/migration tests listed in 21 CFR 177.2600 (d) to (h). Typical results are indicated below.

Test Details	Result mg/in ²	FDA limit mg/in ²
Distilled Water – 1 st extraction (7 hours)	0.24	20.0
Distilled Water – 2 nd extraction (2 hours)	0.05	1.0
n-Hexane - 1 st extraction (7 hours)	54.55	175.0
n-Hexane – 2 nd extraction (2 hours)	3.68	4.0

These results show that the Silex GP range of solid silicone sheeting products are suitable for all food types defined in the FDA 21 CFR 177.2600 (dry, aqueous and fatty food stuffs).

As stated in 21 CFR 177.2600 it is recommended that the manufactured article is thoroughly cleansed prior to use in contact with food.

The Silex GP solid silicone sheeting range is suitable for service temperature range of – 60° C to + 230°C.

The products have also been tested to and comply with the requirements of BfR XV "Silicones".