



## Certificate of Compliance

### PAH / PAK

#### **Description: 'Fluor-A-Com'<sup>®</sup> Fluoroelastomer Sheet Products**

Following independent testing by SGS and TÜV Rheinland<sup>®</sup> we confirm that the above material complies with AfPS CS 2014:01 PAK Cat 3 regarding Polycyclic Aromatic Hydrocarbons (PAH).

#### **Remark:**

The German committee on Product Safety (AfPS) adopted a new PAHs document on 4 August 2014, which is taken into account by the GS certification bodies for the certification process of the GS mark now. The transitional arrangements and deadlines contained therein shall determine the procedure for existing certificates and new certificates; also there are exceptions. The previously valid PAK-document (ZEK 01.4-08, English version) will be repealed after 30<sup>th</sup> June 2015.

Signed on behalf of J-Flex Rubber Products:

A handwritten signature in blue ink, appearing to read 'John S. Kirk'.

John S. Kirk  
Managing Director



Date: 26 August 2015

**Test Report**

No. SHAEC1508387209

Date: 15 May 2015

**Test Results :****Test Part Description :**

<b>Specimen No.</b>	<b>SGS Sample ID</b>	<b>Description</b>
SN1	SHA15-083872.004	Black soft solid

## Remarks:

- (1) 1mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

**Polycyclic Aromatic Hydrocarbons (PAHs)**

**Test Method :** With reference to AfPS CS 2014:01 PAH, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>
Sum of 18 PAHs	mg/kg	-	11.8
Sum of Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	mg/kg	-	5.6
Naphthalene (NAP)	mg/kg	0.1	0.3
Acenaphthylene (ANY)	mg/kg	0.1	ND
Acenaphthene (ANA)	mg/kg	0.1	ND
Fluorene (FLU)	mg/kg	0.1	0.4
Phenanthrene (PHE)	mg/kg	0.1	1.4
Anthracene (ANT)	mg/kg	0.1	ND
Fluoranthene (FLT)	mg/kg	0.1	1.4
Pyrene (PYR)	mg/kg	0.1	2.4
Benzo(a)anthracene (BaA)	mg/kg	0.1	0.3
Chrysene (CHR)	mg/kg	0.1	ND
Benzo(k)fluoranthene (BkF)	mg/kg	0.1	ND
Benzo(a)pyrene (BaP)	mg/kg	0.1	0.5
Benzo(e)pyrene (BeP)	mg/kg	0.1	0.5
Indeno(1,2,3-c,d)pyrene (IPY)	mg/kg	0.1	0.6
Dibenzo(a,h)anthracene (DBA)	mg/kg	0.1	ND
Benzo(g,h,i)perylene (BPE)	mg/kg	0.1	4.0
Benzo(b)fluoranthene (BbF)	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	mg/kg	0.1	ND