

## Aflux® 54

## Processing Promoters

### Function

Processing promoter for compounds based on synthetic rubber, especially CO, ECO and FKM

### Product description

Composition:	mixture of pentaerythryltri- and tetrastearate	
Appearance:	off-white micro pearls	
Specific Gravity:	Approx. 1.00	
Melting range:	58 - 65 °C	
Solubility:	insoluble in water	
Physiological properties:	see safety data sheet	

### Use

Mode of action:	Aflux 54 decreases the viscosity of rubber compounds, resulting in an easier processing and a faster compounding. Aflux 54 noticeably reduces the sticking of the compounds to the mixing units. It improves the absorption of all kinds of fillers and the extrusion properties of the compounds. The vulcanizate properties are not impaired by Aflux 54. Aflux 54 promotes the demoulding of press-cured articles and reduces mould fouling.	
Processing:	Aflux 54 should be added together with the fillers at the beginning of the mixing cycle.	
Dosage:	in FKM (IM): 1 - 2 phr in ECO: 2 - 4 phr in CO: 2 - 4 phr	in FKM (extrusion, calander): 2 - 3 phr in EPDM: 2 - 4 phr in CSM: 2 - 4 phr in IIR: 2 - 4 phr
Application:	Particularly suitable for AU, CO, ECO and FKM, technical molded and extruded articles. Reduces the viscosity of rubber mixes. Reduces sticking to mixer units, aids removal of vulcanizates from the mold.	

### Packing

paper bag, 25 kg

### Storage stability

in original closed containers under cool and dry conditions max. 3 years.

## Handling

Consult material safety data sheet (MSDS) for additional handling information on Aflux 54.

---

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.

---



### Rhein Chemie Corporation

145 Parker Court  
Chardon, OH 44024  
Phone: 440-285-3547  
Fax: 440-285-2464  
USA