



KETTLITZ-Antitack BTO-20

- technical leaflet -

Antitack BTO-20 is a transparent and water-soluble product, especially used as mandrel release agent to treat mandrels for the vulcanization of tubes in autoclaves. Its absolute incompatibility with rubber guarantees minimized adhesion of tubes to mandrels.

Antitack BTO-20 is free of silicones which are normally causing problems due to their low biodegradability.

Antitack BTO-20 is also applied for the treatment of extruded profiles or tubes cured on plates in autoclaves. Dry antitack agents as zinc stearate or talc can be replaced by a aqueous solution of Antitack BTO-20, therefore the working place safety will not be influenced by these dusting materials. After vulcanization the profiles or tubes are clean without an extra cleaning process.

For first trials we recommend a dilution ratio of 1:5 (BTO-20:H₂O).

However, trials have to be run by the customer in order to determine the optimum concentration in relation to the hardness or stickiness of the various rubber compounds in use.

Properties

Chemical Characteristics		combination of polyglycol-monoethers
Appearance		colorless liquid
Density at 15 °C	(g/cm ³)	1.090 ± 0.020
Refractive Index n _D ²⁰		1.430 ± 0.010
Conductibility diluted with H ₂ O (1 + 10); (20 °C)	(mS/cm)	0.46 ± 0.05
Dry Matter (0.5 g/15 min./109 °C)	(%)	70.0 ± 2.5
Physiol. Behavior		see safety data sheet
Storage Stability		3 years at room temperature in originally sealed drums
Packing		plastic drums containing 100 kg net