

ESWE FLEX *list of materials/characteristics*
Walzen GmbH

Properties and areas of application	Hardness in Shore A ± 5	Temperature max. °C	Linear load N/cm
AN rub-resistant, very good recovery characteristics, alcohol-resistant, suitable for water-soluble inks	30 - 90	100 °C	hardness-dependent
ANHG Caustic and alkali-resistant, alcohol- and acid-resistant, squeeze, nip and transport rollers also electrically conductive	100	100 °C	approx. 60
AC resistant to esters and ketones, DOP, adjustable for electrical conductivity, ozone-resistant	30 - 85	120 °C	hardness-dependent
LN very good dynamic properties, also electrically conductive, resistant to oil, grease and petrol, rub-resistant	25 - 95	120 °C	hardness-dependent
LS (Silicon) resistant to high temperatures, ozone, particularly non-stick, good insulating properties, e.g. corona pre-treatment and paster rollers	15 - 90	180 °C	hardness-dependent
LSHI as LS, but better thermal resistance	40 - 90	230 °C	hardness-dependent
LSHR as LS, but better mechanical resistance	70	180 °C	60
HO particularly rub-resistant, ozone- and acid-resistant, oil-resistant, some resistance to alkalis and alcohol, suitable for laminating rollers	60, 70, 80	150 °C	40 - 50
PN resistant to acid and alkali, excellent rebound capacity, ozone-resistant	50 - 90	130 °C	hardness-dependent
VT Resistant to oils, greases, petroleum etc., acid-resistant, outstanding resistance to chlorinated, aliphatic and aromatic hydrocarbons (e.g. tri-, perchloroethylene, petroleum ether, benzene, toluene, xylene)	60, 70, 80	250 °C	40 - 50
ESWE-Prene (pure) highly rub- and cut-resistant, retains elasticity even at highhardness values, high mechanical resistance, resistant to oil and petrol	50 - 90	130 °C	hardness-dependent

Other materials on request