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S-transfer coeffic	ients:	
	Gas film	
Driving force Partial pressure (p_A) Concentration (c_A) Mole fraction (y_A)	Flux equation $N_A = k_G(p_A - p_{A,i})$ $N_A = k_c(c_{AG} - c_{AG,i})$ $N_A = k_y(y_A - y_{A,i})$	Units of k kgmole/m ² · s · atm kgmole/(m ² · s · (kgmole/m ³)) or n kgmole/m ² · s
	Liquid film	
Concentration (c_{AL}) Mole fraction (x_A)	$N_A = k_L (c_{AL,i} - c_{AL})$ $N_A = k_x (x_{A,i} - x_A)$	kgmole/(m ² · s · (kgmole/m ³)) or m kgmole/m ² · s











