

TOLERANCES

Elastomeric insulation materials (FEF) Tolerance according to EN 14304

Delivery form	Length	Width	Thickness		Squareness	Inside diameter	
			declared	tolerance		$D_{i,D} \leq 100$	$D_{i,D} > 100$
Tubes	$\pm 1,5\%$	—	$d_b \leq 8$ $8 < d_b \leq 18$ $18 < d_b \leq 31$ $d_b > 31$	$\pm 1,0$ $\pm 1,5$ $\pm 2,5$ $\pm 3,0$	3,0mm	$D_{i,D} + 1 \leq D_i \leq D_{i,D} + 4$	$D_{i,D} + 1 \leq D_i \leq D_{i,D} + 6$
Sheets	$\pm 1,5\%$	$\pm 2,0\%$	$d_b \leq 6$ $6 < d_b \leq 19$ $d_b > 19$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$	3,0mm/m (length/width) — 3,0mm (thickness)	—	—
Rolls	+5,0% -1,5%	$\pm 2,0\%$	$d_b \leq 6$ $6 < d_b \leq 19$ $d_b > 19$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$	3,0mm/m (length/width) — 3,0mm (thickness)	—	—
Tapes	+5,0% -1,5%	$\pm 2,0\%$	$d_b = 3$	-0,1 +1,5	—	—	—

Polyethylene insulation materials (PEF) Tolerance according to EN 14313

Delivery form	Length	Width	Thickness		Squareness	Inside diameter		
			declared	tolerance		$D_{i,D} \leq 35$	$35 < D_{i,D} \leq 100$	$D_{i,D} > 100$
Tubes	-1,5% +2,5%	—	$d_b \leq 6$ $6 < d_b \leq 10$ $10 < d_b \leq 15$ $15 < d_b \leq 30$ $d_b > 30$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$ $\pm 2,5$ $\pm 4,0$	5,0mm for $D_{i,D} \leq 60$ mm and 10,0mm for $60 < D_{i,D} \leq 120$ mm	$D_{i,D} + 1$ to $D_{i,D} + 4$	$D_{i,D} + 2$ to $D_{i,D} + 6$	$D_{i,D} + 3$ to $D_{i,D} + 8$
Profiles	-1,5% +2,5%	—	$d_b \leq 6$ $6 < d_b \leq 10$ $10 < d_b \leq 15$ $15 < d_b \leq 30$ $d_b > 30$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$ $\pm 2,5$ $\pm 4,0$	5,0mm for $D_{i,D} \leq 60$ mm and 10,0mm for $60 < D_{i,D} \leq 120$ mm	$D_{i,D} + 1$ to $D_{i,D} + 4$	$D_{i,D} + 2$ to $D_{i,D} + 6$	$D_{i,D} + 3$ to $D_{i,D} + 8$
Sheets/ Rolls	$\pm 1,5\%$	$\pm 1,0\%$	$d_b \leq 5$ $5 < d_b \leq 10$ $10 < d_b \leq 15$ $15 < d_b \leq 30$ $d_b > 30$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$ $\pm 2,5$ $\pm 3,5$	10,0mm/m (length/width) — 2,0mm (thickness)	—	—	—
Tapes	$\pm 1,5\%$	$\pm 2,0$ mm	—	$\pm 0,5$	—	—	—	—

Dimensions in millimeter • d_b = nominal thickness of the product • $D_{i,D}$ = nominal value of a tube's inside diameter