

Stiffness of clear-PEP UV PC

Product	Thickness	Deflection* caused by self-weight						Deflection* under a load of 1000 N/m ² (20,88 psf)					
		Support Distance						Support Distance					
		600 mm (23,62")		1000 mm (39,37")		1200 mm (47,24")		600 mm (23,62")		1000 mm (39,37")		1200 mm (47,24")	
		Deflection in mm	Deflection in inch	Deflection in mm	Deflection in inch	Deflection in mm	Deflection in inch	Deflection in mm	Deflection in inch	Deflection in mm	Deflection in inch	Deflection in mm	Deflection in inch
clear-PEP UV PC	19 mm (1,14")	0,2	0,0082	1,4	0,0574	2,9	0,1189	2,4	0,0984	18,0	0,7377	37,0	1,5164
clear-PEP UV PC	25 mm (0,98")	0,1	0,0041	0,8	0,0328	1,6	0,0656	1,3	0,0533	9,7	0,3975	20,0	0,8197
clear-PEP UV PC	30 mm (1,18")	0,1	0,0041	0,6	0,0246	1,2	0,0492	0,9	0,0369	6,6	0,2705	13,5	0,5533
clear-PEP UV PC	35 mm (1,38")	0,1	0,0041	0,4	0,0164	0,8	0,0328	0,6	0,0246	4,7	0,1926	9,6	0,3934
clear-PEP UV PC	40 mm (1,47")	0,1	0,0041	0,3	0,0123	0,6	0,0246	0,5	0,0205	3,5	0,1434	7,2	0,2951

*...supported at two edges

