TECHNICAL DATA

VITROFLEX WAVE

VITROFLEX ONDA is a corrugated polycarbonate sheet with high impact resistance and light weight. With a standard step of 76mm, 112mm, 197mm and 200mm between waves, it also has great stability against temperature changes being a material suitable for outdoor use.

ADVANTAGES OF VITROFLEX WAVE

- High impact resistence.
- Resistance to high temperatures.
- Good transparency.
- Possibility of cold folding.
- High light transmission.
- Suitable for outdoor use.
- Possible coloring.

TYPES AND FORMATS

With a standard step of 76mm, 112mm, 197mm and 200mm between waves, it has also the possibility of colored options under minimum request.

APPLICATION AREAS

- Roofs.
- Facades.
- Division panels.
- Window dressing.
- Stands.

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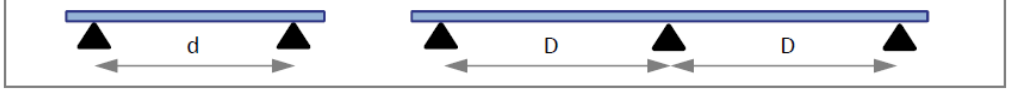
LOAD CHART - VITROFLEX WAVE

LOAD CHART 76/15

THICKNESS	600 N/m²		900 N/m²		1200 N/m²		1500 N/m²	
	D	d	D	d	D	d	D	d
0,8 mm	1000	800	900	700	850	650	800	600
1,0 mm	1050	850	950	750	900	700	850	650

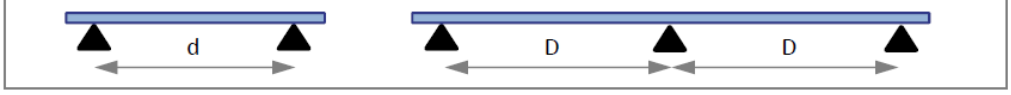
MAXIMUM PURLIN SPAN – *MASSIMA DISTANZA TRA GLI APPOGGI*



LOAD CHART 76/18

THICKNESS	600 N/m²		900 N/m²		1200 N/m²		1500 N/m²	
	D	d	D	d	D	d	D	d
0,8 mm	1050	850	900	700	850	650	800	600
1,0 mm	1000	850	950	750	900	700	850	650
1,2 mm	1100	950	1000	850	950	800	900	700

MAXIMUM PURLIN SPAN – *MASSIMA DISTANZA TRA GLI APPOGGI*



LOAD CHART 177/51

THICKNESS	600 N/m²		900 N/m²		1200 N/m²		1500 N/m²	
	D	d	D	d	D	d	D	d
1,0 mm	1650	1300	1500	1200	1350	1100	1300	1050

MAXIMUM PURLIN SPAN – *MASSIMA DISTANZA TRA GLI APPOGGI*

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TECHNICAL SPECIFICATIONS - VITROFLEX WAVE 76/15 and 76/18

Properties	Value	Unitt	Standard
Mechanical properties			
Minimum cold bending radius	4000	mm	
Thermal properties			
Service temperature	-40/+120	°C	
Thermal expansion	65 x10 $^{-6}$K $^{-1}$	(=0.065 mm/m °C)	
Optical properties			
Total light transmission	90 (±5) clear 76 (±5) opal	% %	
Fire properties			
Fiie classification*	Bs1d0		ISO 13501-1

*May be subject to limitations based on color and thickness

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