

Product Name (<i>B Deck Gauge</i>)	Pallet Jack & Product Load Limits	Robot & Product Load Limits	Maximum Robot Contact Pressure	Thickness	Weight (PSF)		UF	Optional Finishes			
					ResinDek®	ResinDek® with MetaGard®		Gray Diamond Seal® Antistatic	Gray Diamond Seal® ESD	TriGard® ESD	MetaGard®
ResinDek® LD (20ga) ¹	up to 2,000 lbs.	up to 500 lbs.	500 psi	3/4"	2.8	4.2	✓	✓	✓	✓	✓
ResinDek® MD (20ga) ResinDek® MD (18ga)	up to 2,500 lbs. up to 3,500 lbs.	up to 2,000 lbs. up to 3,000 lbs.	750 psi 1,000 psi	3/4"	3.5	4.9	✓	✓	✓	✓	✓
ResinDek® HD (18ga) ResinDek® HD - B Deck Not Required ^{1,2}	up to 4,500 lbs. N/A	up to 4,000 lbs. up to 750 lbs.	1,200 psi 750 psi	3/4"	3.8	5.2	✓	✓	✓	✓	✓
ResinDek® MAX (18ga)	up to 8,000 lbs.	up to 6,000 lbs.	1,500 psi	1-1/2"	7.6	N/A	N/A	✓	✓	✓	✓
ResinDek® Xspan® <i>B Deck Not Required</i> ³	up to 3,000 lbs.	up to 2,500 lbs.	900 psi	1-1/8"	5.2	6.6	✓	✓	✓	✓	✓
ResinDek® Xspan® FR <i>B Deck Not Required</i> ⁴	up to 3,800 lbs.	up to 3,500 lbs.	1,250 psi	1-1/8"	6.0	7.6	N/A	✓	✓	✓	✓

NOTES:

¹ Not Suitable for AGVs

² ResinDek HD robot and product load values above are calculated with 225 psf uniform loads at 16" center supports

³ ResinDek Xspan load values above are calculated with 375 psf uniform loads at 16" center supports

⁴ ResinDek Xspan FR load values above are calculated with 450 psf uniform loads at 16" center supports

- For flooring used with corrugated B Deck: Please note load values above are calculated on 36" beam spacing, increased spacing will reduce capacity. Floor deflection is L/240
- For flooring solutions with no B Deck: All allowable loads are based on a two span condition. Uniform load values are based on L/240 deflections, any deviation can positively or negatively impact these values. Please contact Cornerstone for other span conditions.