

Dixon Guide Rail Wear-resistant Soft Belt

1. Eliminate crawling: move quickly and accurately, and reduce power loss.
2. Eliminate deformation: Eliminate lotus leaf edge and load shear deformation to reduce costs.
3. Reduce vibration: reduce noise and vibration during work.
4. Oil-free lubrication: When the machine lubrication system fails, the guide rail will not be damaged.
5. The friction coefficient is stable: when the speed load and temperature change, the friction system is constant and does not need to be adjusted.
6. Long service life: prolong the maintenance cycle of machine tools.
7. Convenient installation: The installation process is simple.
8. Wide range of uses: horizontal, vertical or rotating slides.

Specification

Characteristic	ASTM	Unit	Value
Proportion	D792	-	3.16
Water absorption	D570	%	0
Coefficient of expansion	D696	(MM/°C)	(8.8×10^{-10})
Hardness	D1706	Shore D	61-63
Tensile strength	D4894	psi(Mpa)	3100(21.4)
Elongation (length direction)	D4894	%	200
Maximum PV (continuous operation)	—	psi × ft./min.(Mpa × m/s)	10000(0.35)
Limit PV (continuous operation after pasting)	—	psi × ft./min.(Mpa × m/s)	25000(0.88)
Width x Thickness 305x0.8mm 305x1.2mm 305x1.5 mm 305x2.0 mm 305x2.5 mm 305x4.0 mm			

Note: The above data are obtained under our experimental conditions and are for reference only.

