

UHMW-PE IMPACT BARS

Impact Bars are composed of rubber, metal frame (aluminum/steel), UHMW-PE plate using special thermal vulcanization. It is mainly used for conveyor loading points or transfer points, efficiently absorb and alleviate the impact of loading and help eliminate spillage and scattering of the products.

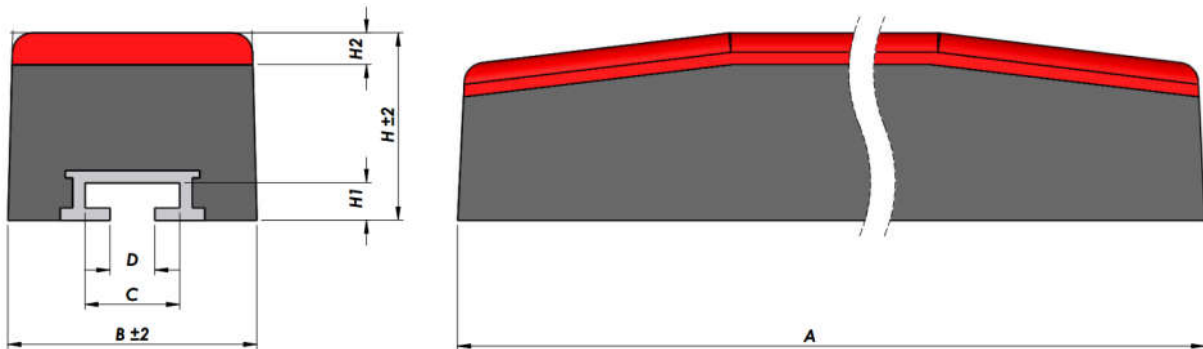
It is used for belt conveyor systems in the majority of thermal power plants, building materials, steel, ports and mining industries.

Features

- UHMWPE surface with extremely low coefficient of friction will reduce the abrasion.
- Available in different color and grades.
- Shock absorbing rubber can absorb maximal impact of materials.
- "T-slot" extruded metal construction allows for easier installation and disassembly.
- Thermal vulcanization insures an efficient and reliable joining between the layers.
- Also available in Fire Resistant and Anti-Static (FRAS) impact bars which complied with MDG3608, AS1334.10 and MT 113-1995 standards. Suitable for underground application.



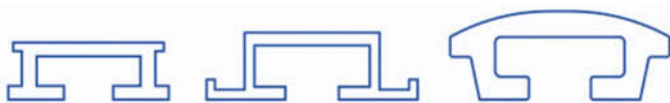
UHMW-PE Impact bars size table



A	B	C	D	H	H2	T-BOLT SIZE
1220/ 1400/ 1524/ customized	100	38	18	50/75/100	12.7/15/20	M16×40~60

Technical Specifications

Item		Normal	High Elastic	Under Ground
UHMW-PE	Color	Blue/red	Blue/red	Black/white
	Tensile Strength	MPa	23	20
	Elongation @ Break	%	300	250
	Hardness	Shore D	60-70	65-75
	Abrasion Loss		0.053	0.08
	Density	g/cm ³	0.93-0.94	1.13
	Coefficient of Friction		0.07	0.1
Rubber	Hardness	Shore A	60-65	60-65
	Tensile Strength	MPa	19	19
	Elongation @ Break	%	400	400
Metal frame	Type	See Drawing		
Adhesion Strength	UHMWPE to Rubbe	N/mm	≥10	≥10
	Rubber to Metal Frame	N/mm	≥10	≥10



Aluminum frame



Steel frame