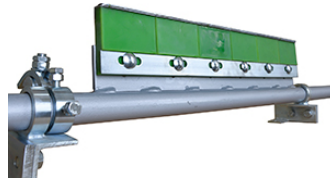


JUST-Clean FHPU-120



Description

The primary scraper is used for light to heavy conveyor belt systems.
 High tech hard metal for particularly high time of exposure.
 High flexibility due to PU hard metal segments.
 Also specially suitable for reversing conveyors.
 Belt speeds up to 5 m/s.
 Specially for extremely adherent materials or in difficult or narrow space conditions.
 Significantly improved cleaning performance.
 Limiting damage to the belt.
 Longer life expectancy
 Significant cost savings due to special segment shape.
 Elastic segments with permanently consistent contact pressure.
 With compression springs (for the automatic regulation of the contact pressure).

Technical data

Technical data polyurethane

Extreme abrasion resistance (30-40 mm³ according to DIN 53516)
 Good aging and weather resistance
 Resistant to oil, fat, gasoline, ozone and nitrogen
 Excellent notch and fracture toughness
 High tensile strength and elongation at break
 Special weight approx. 1.26 g/cm³
 Heat resistant: -30°C to +80°C

Technical data hard metal

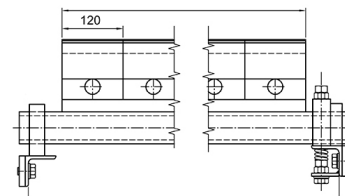
Density (ISO 3369)	14,55 g/cm ³
Hardness (ISO 3878)	1760 HV10
Hardness (ISO 3878)	1730 HV30
Hardness (ISO 3738)	92,7 HRA
Transverse rupture strength (ISO 3327)	2500 MPa
Compressive strength	4900 MPa
Young's modulus	600 GPa
Fracture toughness (SEVNB)	8 MPa m ^{1/2}
Thermal conductivity	85 W m ⁻¹ K ⁻¹
Thermal expansion coefficient (20-400°C)	5,1 10 ⁻⁶ K ⁻¹

Technical data supporting tube

Tolerances according to EN ISO 1127 for seamless and welded tubes

ORDER INFORMATION

Art. No.	Blade coverage, mm	Belt width, mm	Tube length, mm	Tube diameter, mm	Number of segments
TD0480A	480	500	1100	51	4
TD0600A	600	650	1250	51	5
TD0720A	720	800	1400	51	6
TD0960A	960	1000	1600	63,5	8
TD1080A	1080	1200	1800	63,5	9
TD1320A	1320	1400	2000	63,5	11
TD1440A	1440	1500	2100	63,5	12
TD1560A	1560	1600	2200	63,5	13



ADDITIONAL INFORMATION



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