



**HEAT RESISTANT CONVEYOR BELTS**

INDUS SUPER THERMO conveyor belts are suitable for conveying material of a varied range of high temperatures. The INDUS SUPER THERMO conveyor belt is formulated after studying the application and the nature of the material to be conveyed.

**IMPORTANT FACTORS CONSIDERED TO RECOMMEND INDUS SUPER THERMO CONVEYOR BELT:**

- Peak temperature of the material to be conveyed.
- Average temperature of the material to be conveyed.
- Cooling duration of the material.
- Size, shape and the abrasion of the material.
- Speed at which the material is conveyed.
- The distance the material needs to be conveyed



The INDUS SUPER THERMO conveyor belt is manufactured using special synthetic and technical rubbers to ensure that it outdoes itself in exceeding the Heat Resistance parameters claimed.

**PRODUCT FEATURES**

Standard Width	Up to 2200mm (86")   Up to 5000mm (197") available with longitudinal joint
Type of Fabric	EP / NN / PP
Breaker Fabric Ply	Optional / as per customer requirement
Standard Belt Rating	200 kN/m (110 PIW) to 3200 kN/m (1800 PIW)
No. of Ply's	1 Ply to 8 Ply
Rubber Cover Thickness	1mm (1/25") to 25mm (1")
Colour	Black
Edge	Cut Edge / Moulded Edge
Splicing Method	Hot / Cold / Mechanical
Single Roll Length	Standard Length : 300 meters (1000')   Up to 1000 meters (3300') depending upon total belt thickness
Standard Packing	Wrapping in HDPE sheets with Strapping.   (Wooden Crate / Metal Crate packing is available on request)
Belt Identification Number	A unique BIN (Belt identification number) at every 10 meters (33')

**INDUS SUPER THERMO Belts are available in below mentioned Cover Grades:**

Cover Grades	Applicable Standards	Type Of Polymer	Resistance to Temperature	Min. Tensile Strength (MPa)	Min. Elongation at Break (%)	Max. Abrasion Loss (mm <sup>3</sup> )	Application Areas	% Change in Tensile & Elongation at Break after heat ageing
HR (T-1)	IS-1891-Part2	NR/SBR	125 °C for lumps & 100 °C for fines	15	450	150	Suitable to convey hot coke, foundry sand, iron pellets, sintered ore, hot limestone, cement clinker, soda ash, etc.	-25% & -40% @ 100 °C for 72 Hrs
SHR (T-2)	IS-1891-Part2	SBR	150 °C for lumps & 125 °C for fines	15	450	150		-35 & -50% @ 125 °C for 72 Hrs
SHAR	Indus	SBR	150 °C for lumps & 125 °C for fines	15	350	100	Suitable for high abrasive hot materials.	-25 & -50% @ 125 °C for 72 Hrs
UHR	Indus	EPDM	200 °C for lumps & 180 °C for fines	15	450	150	Suitable for extremely hot material such as cement clinker, sintered Ore, etc.	-15% & -35% @ 150 °C for 72 Hrs
SUHR	Indus	EPDM/EPM	250 °C for lumps & 180 °C for fines	13	450	150		-10% & -30% @ 150 °C for 72 Hrs
HR-OR*	Indus	Blend of NBR & SBR	125 °C for lumps & 100 °C for fines	12	350	150	Suitable to convey hot oily materials.	-25% & -40% @ 100 °C for 72 Hrs

\*Additional Details - HR-OR : Maximum Swelling in Fuel B for 72 Hrs is 75%

\*Specifications are subject to change without notice.