



HEAT RESISTANCE BELTING

Forech has greatly improved heat-resistant rubber covers, now capable of withstanding temperatures up to +220°C. These covers resist hardening and cracking, offering longer service life in high-heat environments. This progress has led to a fresh look at the thermal limits of reinforcement materials, paving the way for future innovations. Our heat-resistant belts use special compounds like SBR, EPM, and EPDM, which boost resistance to heat, ozone, and aging for better performance.

PRODUCT FEATURES

- HRT1: Temp range: 100°C continuous, 125°C peak (IS-1891-P-2 & ISO 4195 Class 1)
- HRT2: Temp range: 125°C continuous, 150°C peak (IS-1891-P-2 & ISO 4195 Class 2)
- UHR (HRT3): Temp range: 180°C continuous, 220°C peak (Ultra heat resistance) — For heavy-duty,



PRODUCT RANGE

BELT WIDTH



400mm to 2500mm

NOMINAL BELT STRENGTH



upto 3150 kN/m

EDGE



Cut/Moulded Edge

NO. OF PLYS



2 to 7 ply

SPLICING METHOD



Hot/Cold/Mechanical (RBF)

APPLICATIONS



Cement Industry



Steel Industry



Foundry

DATA: TECHNICAL INFORMATION

Cover Grade		Min.Tensile strength (MPa)	Min. Elongation at break (%)	Max. Abrasion (mm ³)	Max. continuous allowable surface temperature	Max. allowable local peak temperature	Main applications
HRT1	NR/SBR based	12.5	350	200	100	125	Transport of hot material at medium temperature
HRT1-SAR	SBR based	12.5	350	70	100	125	Transport of hot and high abrasive material at medium temperature
HRT2	SBR based	12.5	350	200	125	150	Transport of hot material at medium temperature
HRT2-SAR	SBR based	14	350	100	125	150	Transport of hot and high abrasive material at medium temperature
UHR	EPDM based	8.5	400	200	150	200	Transport of extreme hot materials like hot sinter and clinkers

Based on your heat resistance needs, FORECH's Sales and Application Engineering team is ready to help. We recommend the best cover grade for your project and support you throughout every stage. Their goal is to deliver tailored technical solutions—from belt design to local engineering assistance for any conveyor issues.

