

Technical Data for the Layout of Belt Conveyor Systems

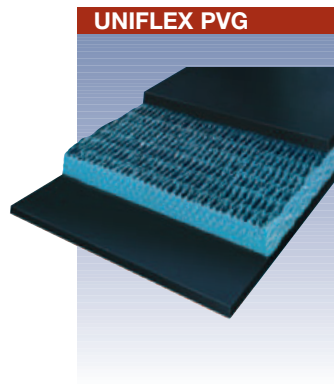
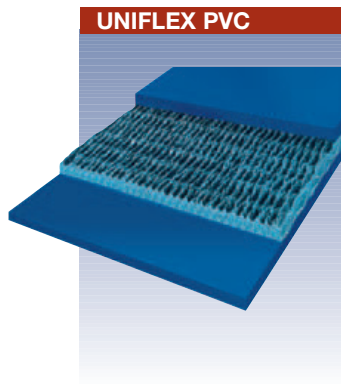
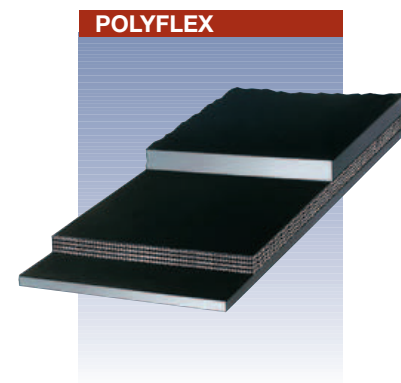
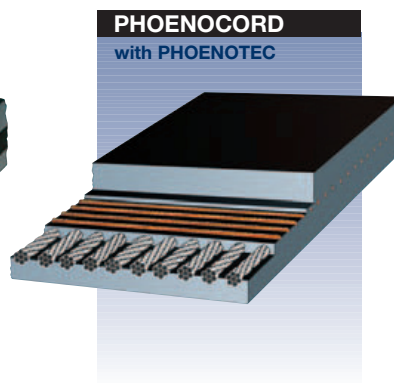
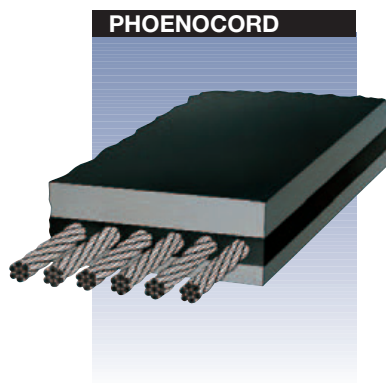
Company

Project Name

Project No.

Country

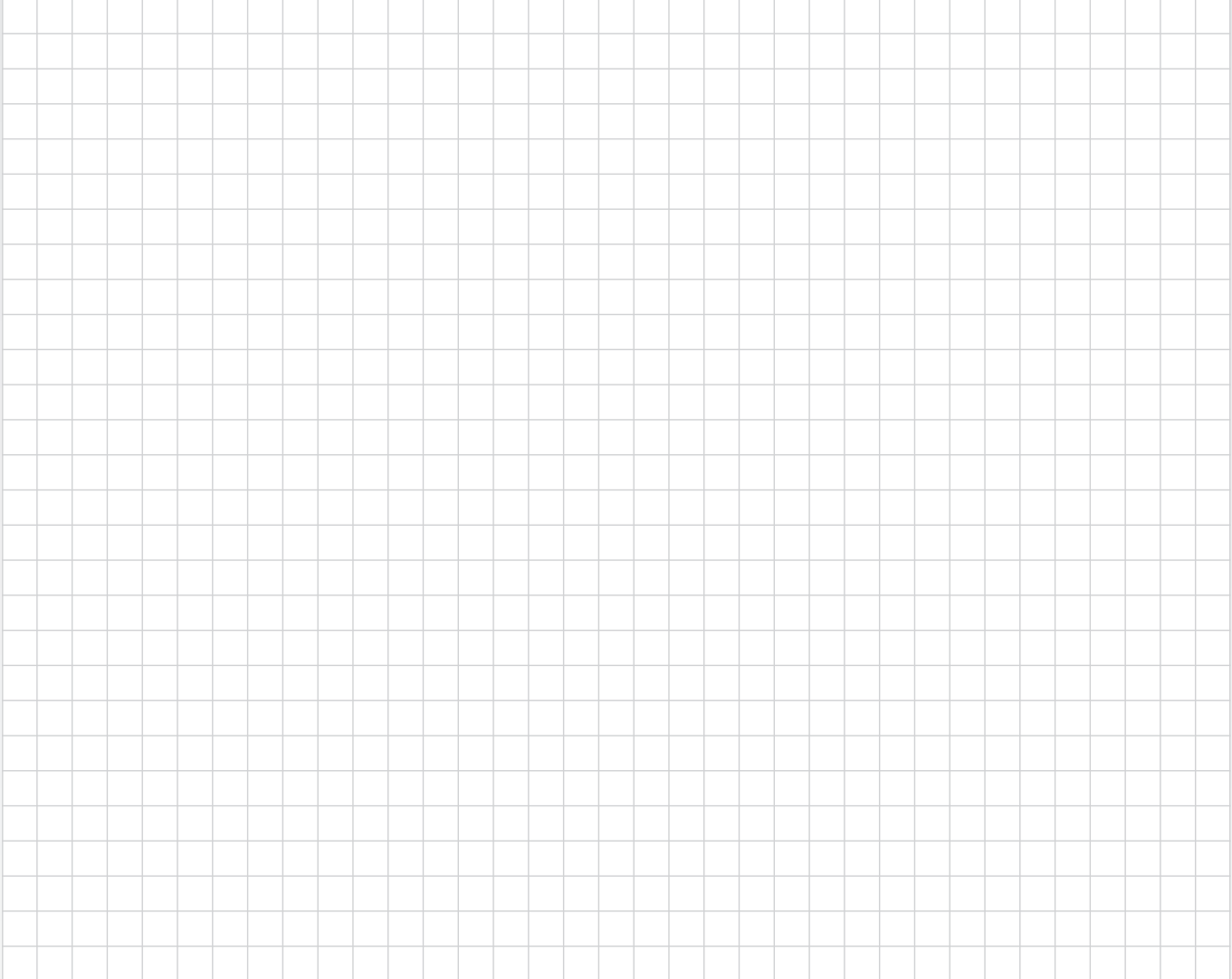
Person in charge
Phone
Email



Location of use	Outdoors – open	<input type="checkbox"/>
	– covered	<input type="checkbox"/>
	Underground	<input type="checkbox"/>
	Indoor	<input type="checkbox"/>
	Details of climatic conditions	
Conveying flight (provide a diagram on page 4 of the questionnaire if necessary)	Centre distance	m
	Conveying length L	m
	Conveying height H	m
	Gradient of the system δ ° uphill <input type="checkbox"/> downhill <input type="checkbox"/>	
	Section with maximum (descending) gradient δ_{max}	°
	Curve – convex: Radius R_e m – concave: Radius R_a m	
Sections with differing gradients	<input type="checkbox"/>	

Pulleys driven/braked	Diameter D_{Tr} : 1 , 2 , 3 , 4 mm Angle of wrap : α_1 , α_2 , α_3 , α_4 ° Pulley surface : bare <input type="checkbox"/> rubberized <input type="checkbox"/> Ceramic <input type="checkbox"/> Condition : dry <input type="checkbox"/> wet <input type="checkbox"/>
Drives	Number of drives at Pulley 1: Pulley 2: Pulley 3: Pulley 4: Power - installed $P_{M inst}$ kW (total) - estimated $P_{M inst}$ kW Slip ring motor <input type="checkbox"/> Squirrel cage motor <input type="checkbox"/> Starting aid <input type="checkbox"/> Starting factor p_A (related to the motor torque in the steady operating state at rated mass flow): p_{A0} (related to the rated motor torque): Start-up-time t_A s
Braking	Number of brakes on Pulley 1: Pulley 2: Pulley 3: Pulley 4: Total braking torque (related to the motor shaft) Nm Braking factor p_B (related to the motor torque in the steady operating state at rated mass flow): p_{B0} (related to the rated motor torque): Braking distance s_B m
Takeup device	Takeup pulley - flying <input type="checkbox"/> - fixed <input type="checkbox"/> Takeup device at System head <input type="checkbox"/> System tail <input type="checkbox"/> Existing takeup length m
Conveyor belt cleaning	Scraper <input type="checkbox"/> Other devices <input type="checkbox"/> Belt turnover <input type="checkbox"/> Further details
Conveyor belt type	New system <input type="checkbox"/> Projected design Extension <input type="checkbox"/> Required design Replacement <input type="checkbox"/> Previous design Suitability satisfactory yes <input type="checkbox"/> no <input type="checkbox"/> Observations
Conveyor belt splicing	In-situ curing <input type="checkbox"/> Mechanical fastener <input type="checkbox"/> Delivery open <input type="checkbox"/> endless <input type="checkbox"/>

Space for sketches



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