

In an industrial environment, temperature control systems are essential for a number of manufacturing processes. FLEXELEC product ranges meet with the most demanding quality, precision and durability criteria.



PLASTICS and COMPOSITE MATERIALS

- Improve casting and drying during operations involving plastic moulding or resin impregnation of composite materials. Heating by means of flexible elements optimizes output rates and also quality by moulding to the complex shapes of the supports used.

FLEXELEC products:

FLEXCORD	C1S - C1S/T - C1S/I	p 23
	C1F - C1F/T - C1F/I	p 24
FLEXUNIT	CS - CS/T - CS/TW - CS/I - CS/IW	p 27
	CS2 - CS2/T - CS2/TW	p 30
FLEXMAT	T - TA - TV	p 68-69



ADHESIVES

- Control the temperature of adhesives, especially on flexible moving parts so that viscosity is always ideal without wasting time or materials when starting cycles. For this, hoses pipes are used to combine temperature and pressure constraints throughout the material transfer process.

FLEXELEC products:

FLEXUNIT	TUY	p 32
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ELECTRIC MOTORS

- Prevent short-circuit risks caused by condensation during cooling after using electric motors and occurring when restarting them. The special glass fibre heating tapes are approved for use in ATEX explosive environments.

FLEXELEC products:

FLEXTAPE	RSV	p 40
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HOUSEHOLD ELECTRICAL

- Produce a temperature cycle for a yoghurt maker, a towel dryer or, more surprisingly, for a portable footbath. The household electrical sector is a promising one for developing technical solutions using heating cords or cables.

FLEXELEC products:

FLEXCORD	C1P - C1P/T - C1P/I	p 22
	C1S - C1S/T - C1S/I	p 23
	C1F - C1F/T - C1F/I	p 24
FLEXUNIT	CP - CP/T - CP/TW - CP/I - CP/IW	p 26
	CS - CS/T - CS/TW - CS/I - CS/IW	p 27
	CP1	p 28
	CS1	p 29
	CS2 - CS2/T - CS2/TW	p 30



MEDICAL, PHARMACEUTICAL AND COSMETICS

- Prepare optimum conditions in which to develop, produce or administer medicines, prostheses or creams by keeping control of molecule conservation temperature indicators and excipient viscosity.

FLEXELEC products:

FLEXUNIT	CP - CP/T - CP/TW - CP/I - CP/IW	p 26
	CS - CS/T - CS/TW - CS/I - CS/IW	p 27
	CP1	p 28
	CS1	p 29
	CS2 - CS2/T - CS2/TW	p 30
FLEXMAT	T - TA - TV	p 68-69
FLEXDRUM	TCF - TCF/TV	p 74
	CF/B - CF/BP - CF/BC - CF/BCH	p 75
	CF/JL	p 76