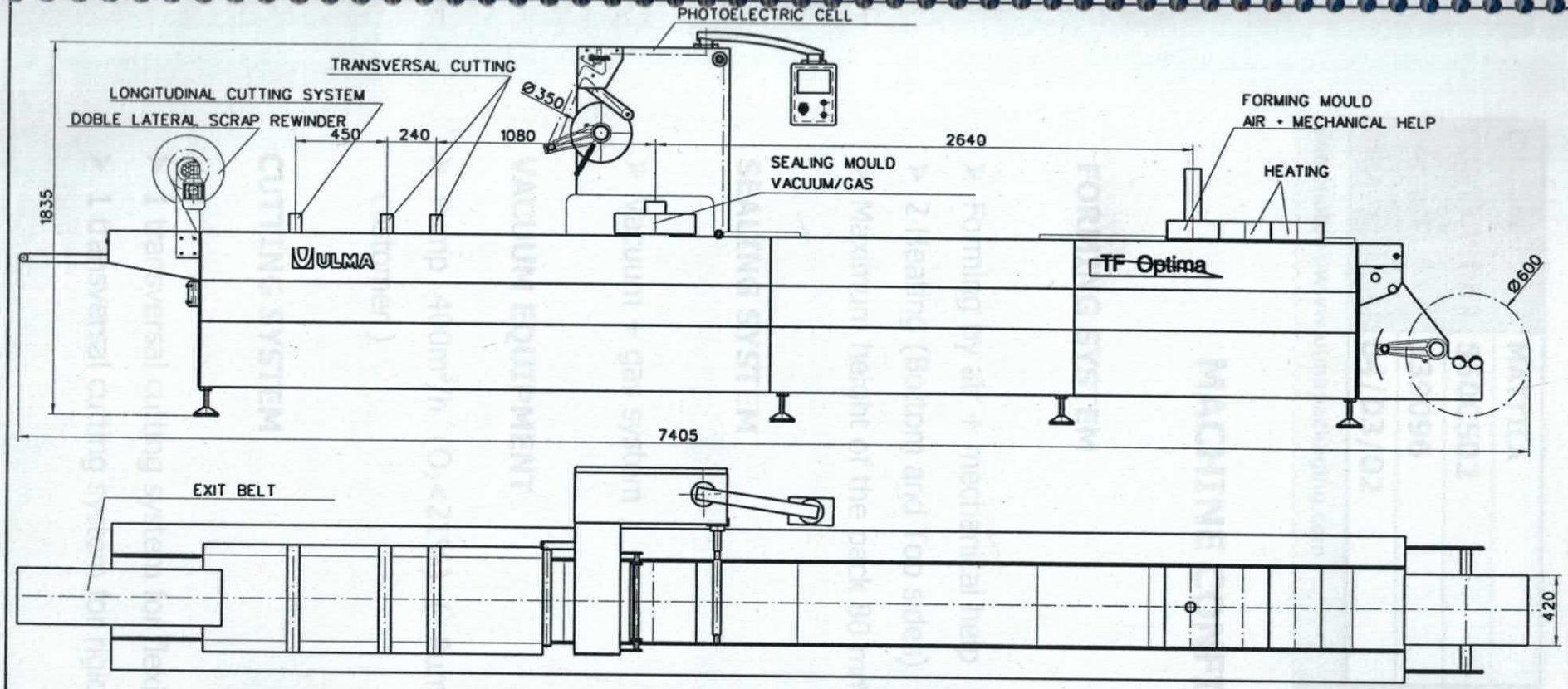


1 : AIR ENTRANCE, REINFORCED TUBE 16-22
2 : WATER ENTRANCE, REINFORCED TUBE 16-22
3 : WATER EXIT, REINFORCED TUBE 16-22

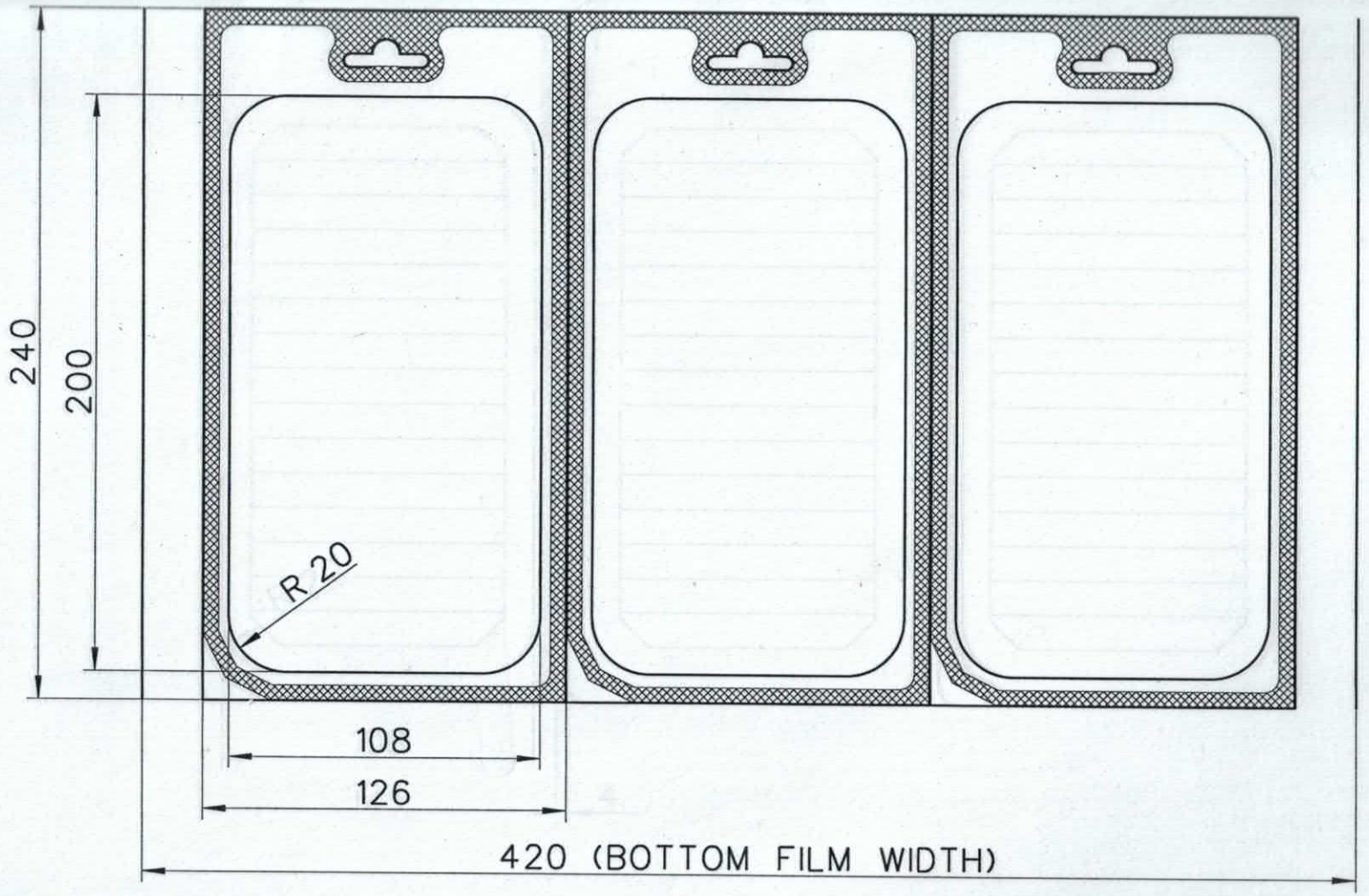
AIR	PRESSURE	6Kg/cm²
	CONSUMPTION	1500 L/MINUTO
WATER	TEMPERATURE	10° C-15° C
	PRESSURE	2-3Kg/cm²
	CONSUMPTION	75-200 L/H
ELECTRICAL CONEXION		380V. NEUTRE+EARTH 50Hz
MAXIMUM DIAMETER REEL	LOWER	600mm.
	UPPER	350mm.
CORE DIAMETER		3"- 76mm.
INSTALLED POWER		25Kw-45A

ULMA

Realizado por IKER | Aprobado por

PROYECTO TF-OPTIMA 420 (Advance system 240)

...\expediente\dossier\maquina.dgn Mar. 13, 2002 07:43:57



FLEXIBLE FILM

3 PACKS PER CICLE

ADVANCE SYSTEM 240mm

VACUUM SYSTEM

INNER PACKAGE DIM.: 108X200X10

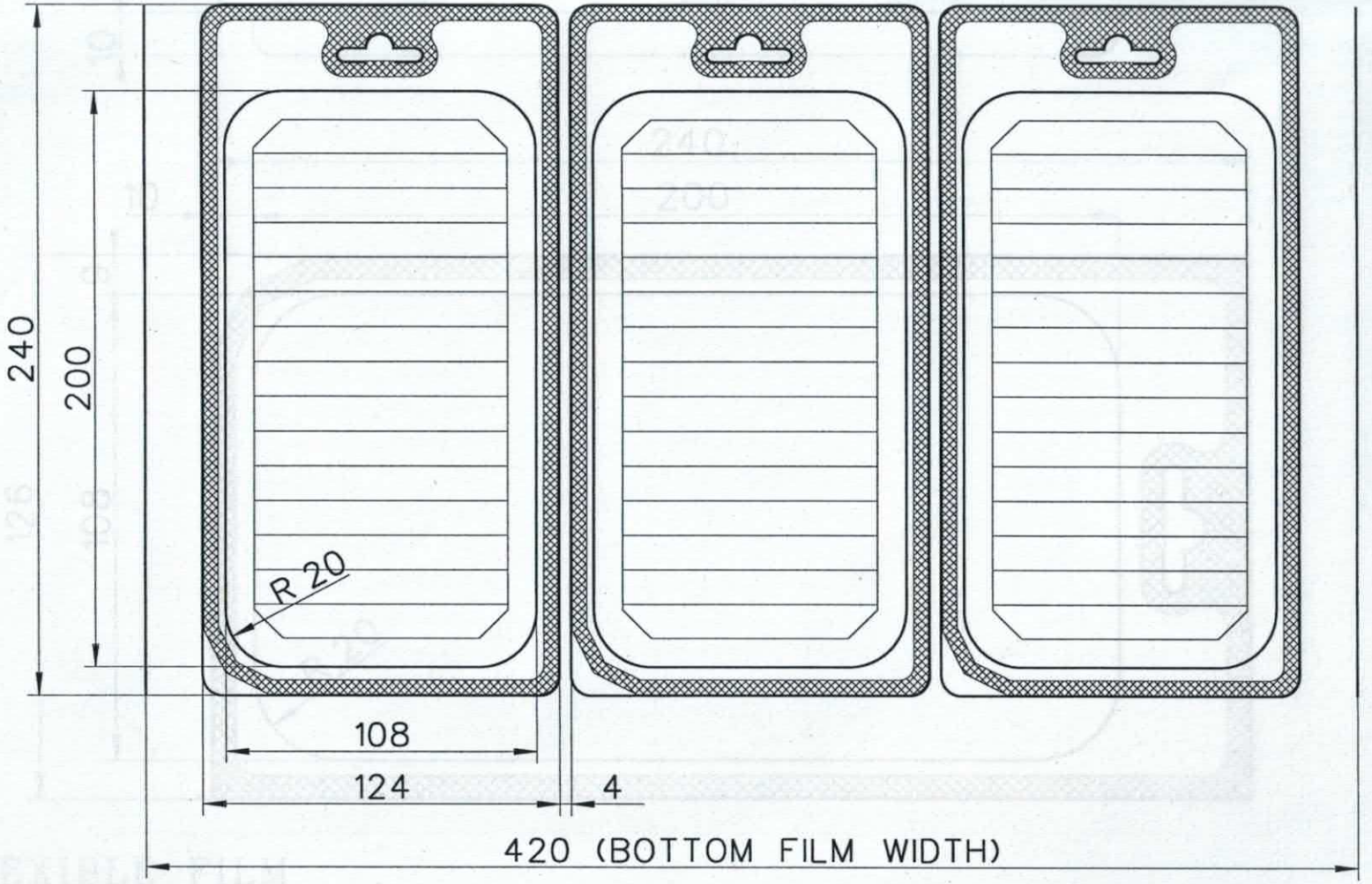
ULMA

Realizado por Iker

Aprobado por

PROYECTO TF-Optima 420 (Advance System 240mm)

...\expediente\dossier\envase.dgn Mar. 12, 2002 16:57:55



RIGID FILM

3 PACKS PER CICLE

ADVANCE SYSTEM 240mm

VACUUM/GAS SYSTEM

INNER PACKAGE DIM.: 108X200X10

ULMA

Realizado por Iker

Aprobado por

PROYECTO TF-Optima 420 (Advance System 240mm)

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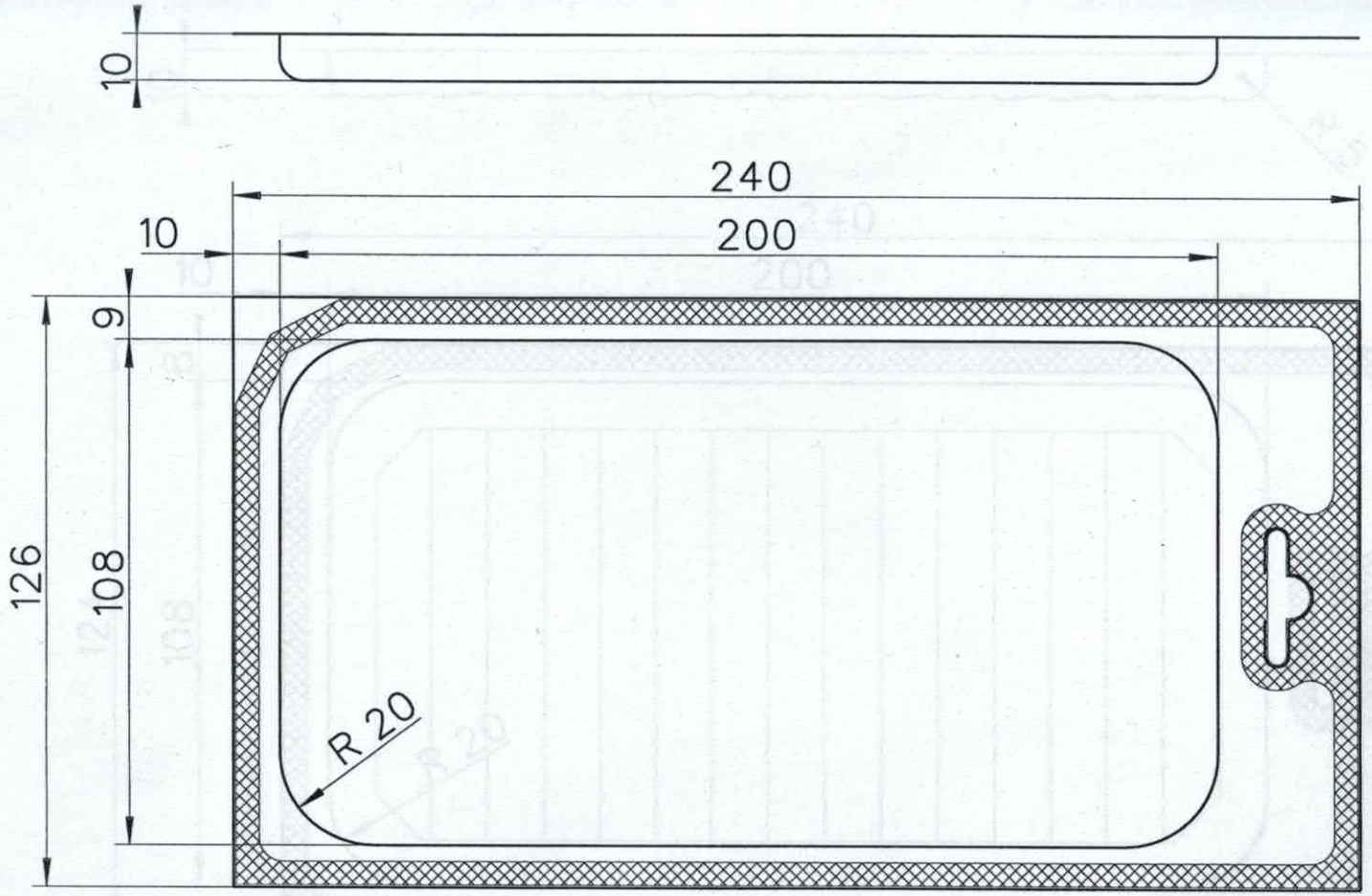

FLEXIBLE FILM

3 PACKS PER CICLE

ADVANCE SYSTEM 240mm

VACUUM SYSTEM

INNER PACKAGE DIM.: 108X200X10

ULMA

Realizado por Iker

Aprobado por

PROYECTO
TF-Optima 420 (Advance System 240mm)

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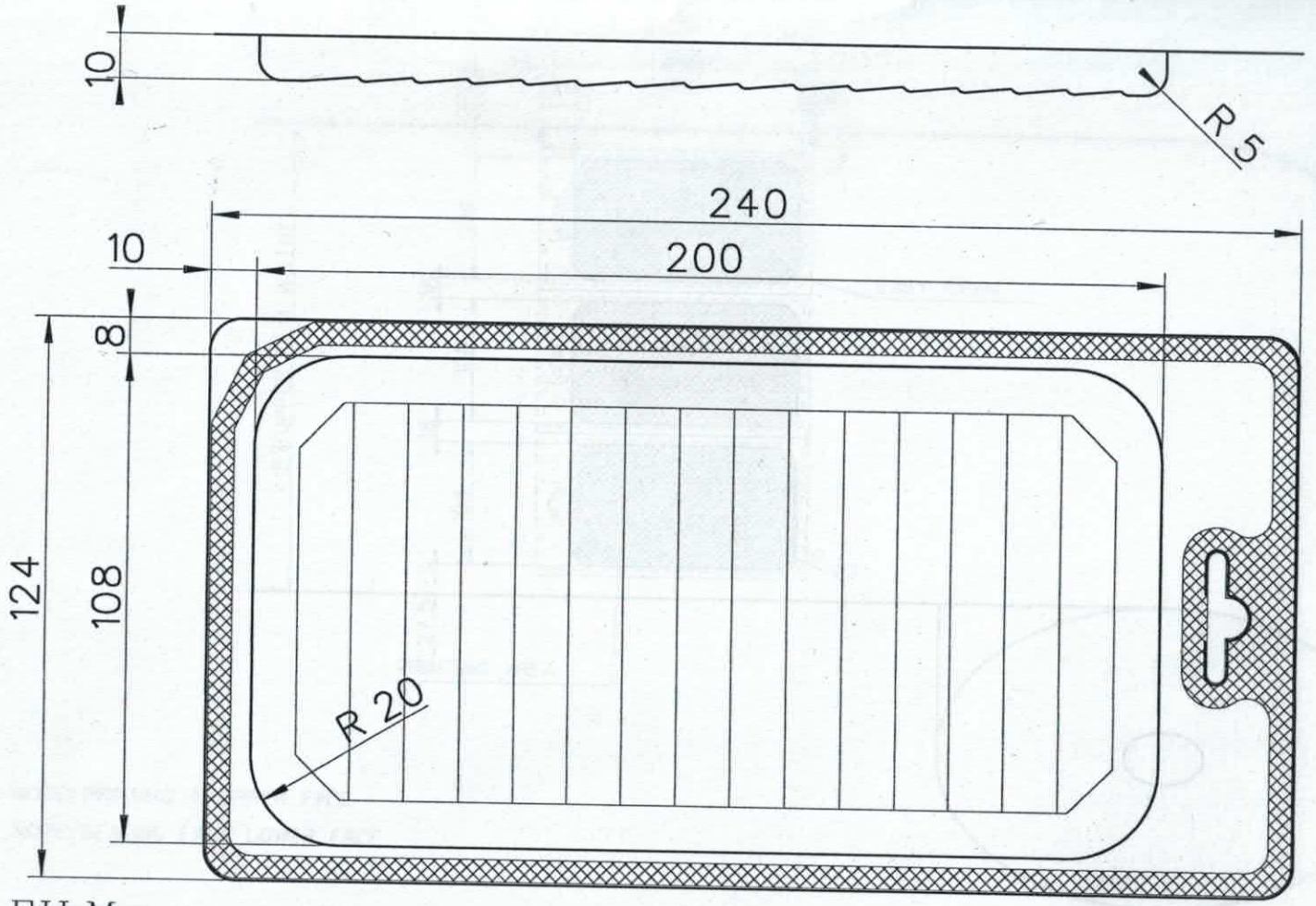

RIGID FILM

3 PACKS PER CICLE

ADVANCE SYSTEM 240mm

VACUUM/GAS SYSTEM

INNER PACKAGE DIM.: 108X200X10

ULMA

Realizado por Iker

Aprobado por

PROYECTO
TF-Optima 420 (Advance System 240mm)

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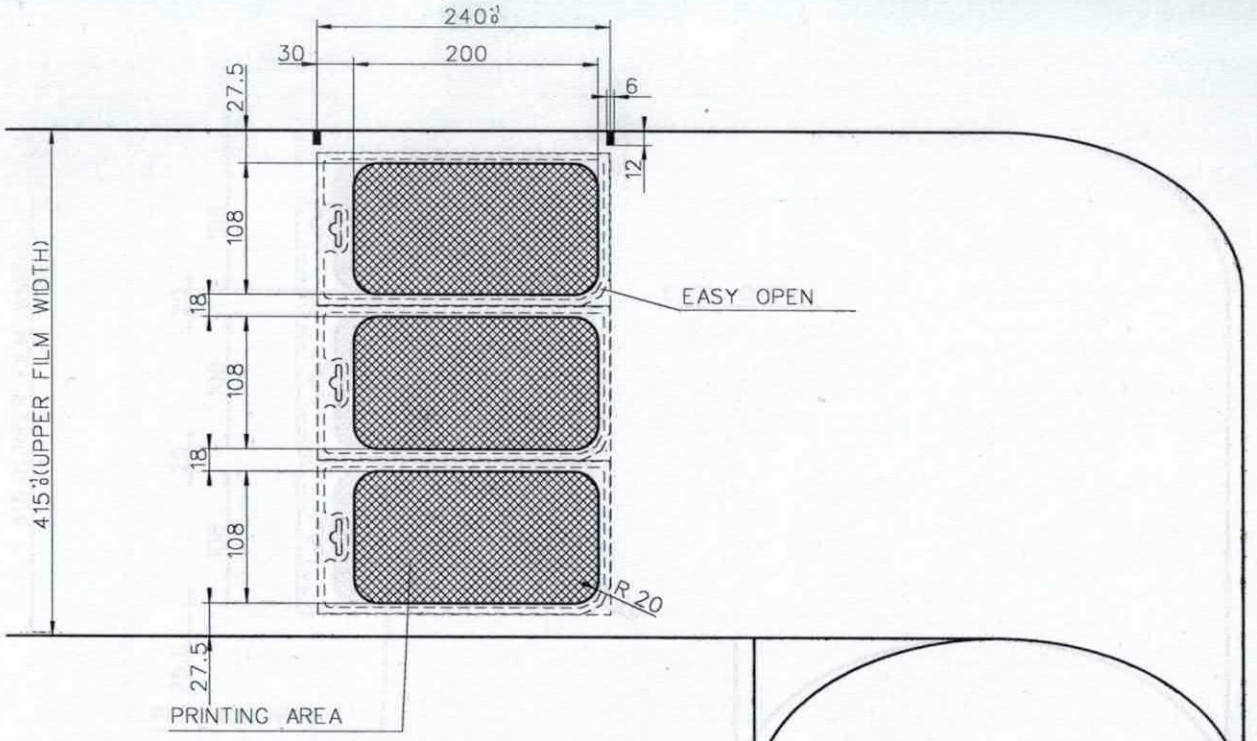

NOTE: PRINTING IN UPPER FACE

NOTE: SEALING FACE LOWER FACE

	FILM	WIDTH	CORE	ϕMAX.REEL DIA.	THICKNESS. aprox.
UPPER FILM	OPA/X/PE:PET/X/PE	415mm. $^{+1}_{0}$	76mm.	350mm.	75 micras
BOTTOM FILM	PA/X/PE	420mm. $^{+1}_{0}$	76mm.	600mm.	125-150 micras

THESE MEASUREMENTS WILL BE HOMOLOGATED WITH REAL TESTS.
ALL THE HOMOLOGATED DRAWINGS WILL BE ATAMPED BY ULMA

ULMA

Realizado por IKER | Aprobado por

PROYECTO TF-OPTIMA 420

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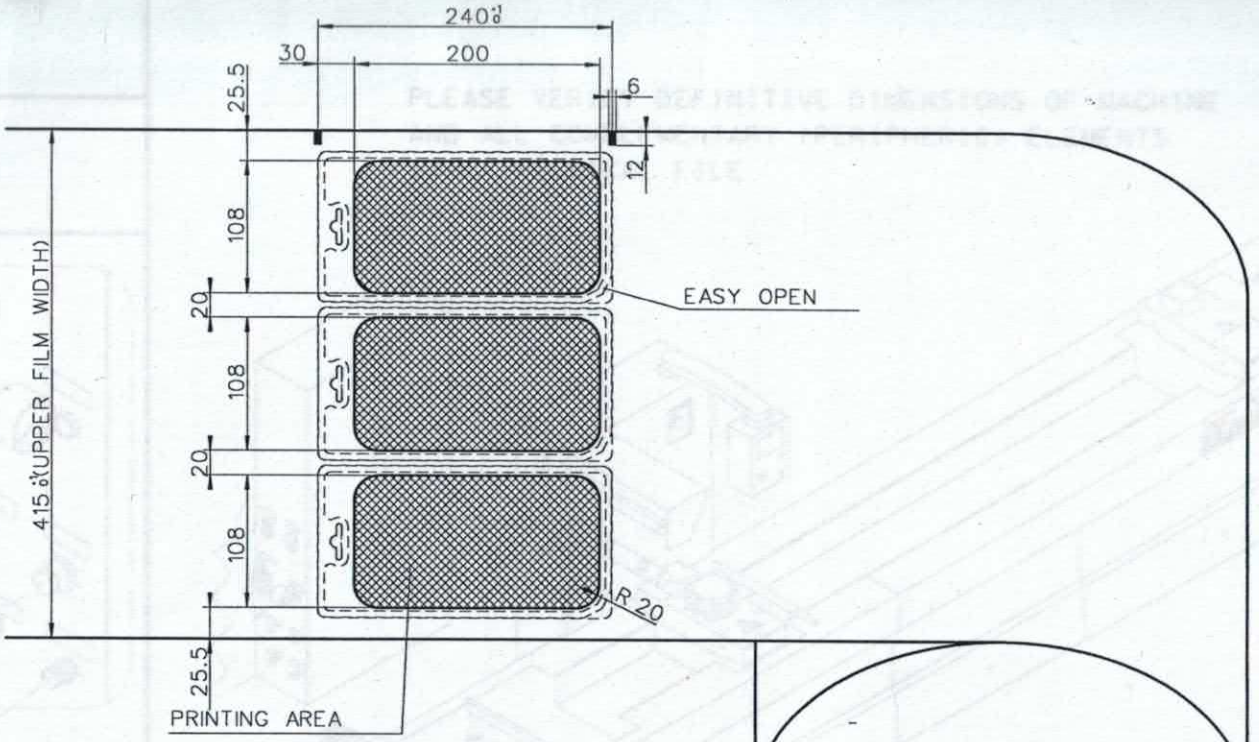

NOTE: PRINTING IN UPPER FACE

NOTE: SEALING FACE LOWER FACE

	FILM	WIDTH	CORE	ϕMAX.REEL DIA	THICKNESS. aprox.
UPPER FILM	PET/X/PE	415mm. $^{+1}_{0}$	76mm.	350mm.	75 micras
BOTTOM FILM	PET/X/PE	420mm. $^{+1}_{0}$	76mm.	600mm.	400 micras

THIS MEASUREMENTS WILL BE HOMOLOGATED WITH REAL TESTS.
ALL THE HOMOLOGATED DRAWINGS WILL BE ATAMPED BY ULMA

ULMA

Realizado por IKER | Aprobado por

PROYECTO **TF-OPTIMA 420**

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