



HW CALCULATION

This document contains the technical
Health Warning (HW) Calculation details of the
specified component. It must be used to
create the HW Framework and HW Template.
If details have to be amended,
a new document version has to be created.

PRODUCT / PRINT DEVELOPMENT

REEMTSMA CIGARETTENFABRIKEN GmbH An Imperial Tobacco Group Company

GRIDNET		
Gridnet	A03-1025-F	
Scale	1:1	

CALCULATION REFERENCE

HWC03-001940-A

HW POSITION INFORMATION			
	Front	65%	
	UPPER	incl 1 mm Border	
	Back	65%	
	LOWER	incl 1 mm Border	
	Side	30%	
		incl 1 mm Border	

EXTRA INFORMATION

STUDIO		
STUDIO 404		
Date	07.07.2017	
Software	Adobe Illustrator CC (14)	

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HL - OC 03-1025 NON - EUTPD

65	65.0% FRONT - HEALTH WARNING CALCULATION incl. 1mm BORDER		ION	
	b (a + k + k)	PANEL WIDTH:	61.7	mm
	f	PANEL HEIGHT:	94.8	mm
	Af	PANEL TOTAL (100%):	5849.16	mm ²
	$Af = b \times f$			
	65.0%	HW TARGET = Af × 0.65	3801.954	mm ²
	Wf	HW WIDTH:	61.7	mm
	Wf = b			
	Hf	HW HEIGHT:	61.62	mm
	Hf = (Af × 0.65) ÷ Wf			
	HWf	HW TOTAL (Actual):	3801.954	mm ²
	HWf = Wf × Hf			
	Lf	BRANDED FRONT HEIGHT:	32.18	mm
	Lf = f - Hf - 1mm			
	CALCULATION PREPARED USING MOLDOVA GUIDELINES			

30.0%		SIDE - HEALTH WARNING CALCULATION incl. 1mm BORDER		
	h	PANEL WIDTH:	23.1	mm
	f	PANEL HEIGHT:	94.8	mm
	As	PANEL TOTAL (100%):	1398.762603	mm ²
	$As = (h - ((p + k) \div 1.414)) \times f$			
	30.0%	HW TARGET = Af × 0.3	419.6287808	mm ²
	Ds	HW HEIGHT (landscape):	12.9	mm
	Ds = j - 0.8mm			
	Hs	HW WIDTH (landscape):	32.53	mm
	$Hs = (As \times 0.3) \div Ds$			
	HWs	HW TOTAL (Actual):	419.637	mm ²
	HWs = Ds × Hs			
	CALCULATION PREPARED USING MOLDOVA GUIDELINES			
TOD / POTTOM SUDFACE DANE! /S\-				

TOP / BOTTOM SURFACE PANEL(S): HEALTH WARNING CALCULATION NOT APPLICABLE,

65	65.0% BACK - HEALTH WARNING CALCULATION incl. 1mm BORDER		ON	
	d (c + p + p)	PANEL WIDTH:	60.9	mm
	f	PANEL HEIGHT:	94.8	mm
	Ab	PANEL TOTAL (100%):	5773.32	mm²
	$Ab = d \times f$			
	65.0%	HW TARGET = Af × 0.65	3752.658	mm ²
	Wb	HW WIDTH:	60.9	mm
	Wb = d			
	Hb	HW HEIGHT:	61.62	mm
	Hb = (Ab × 0.65) ÷ Wb			
	HWb	HW TOTAL (Actual):	3752.658	mm ²
	HWb = Wb × Hb			
	Lb	BRANDED BACK HEIGHT:	32.18	mm
	Lb = f - Hb - 1mm			
	CALCULATION PREPARED USING MOLDOVA GUIDELINES			

