

**Full list of ingredients in non-tobacco components used in Philip Morris International cigarettes  
manufactured for sale in Europe**

**Cigarette Papers**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
-	tobacco	10.4
65996-61-4	cellulose	6.2
471-34-1	calcium carbonate	2.8
various	starch and/or modified starches	0.4
9000-01-5	acacia gum	0.3
6100-05-6	potassium citrate	0.2
9000-30-0	guar gum	0.1
9004-32-4	carboxymethylcellulose and its sodium salt	0.05
6132-04-3	sodium citrate	0.05

**Full list of ingredients in non-tobacco components used in Philip Morris International cigarettes  
manufactured for sale in Europe**

**Side Seam Adhesives**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
24937-78-8	ethylene-vinyl acetate copolymer	0.4
9003-20-7	polyvinyl acetate	0.1
9004-32-4	carboxymethylcellulose and its sodium salt	0.005
25213-24-5	polyvinol	0.005
-	processing aids (Water)	

**Full list of ingredients in non-tobacco components used in Philip Morris International cigarettes  
manufactured for sale in Europe**

**Monogram Inks**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
63148-69-6	alkyd resin	0.005
15790-07-5	pigment sunset yellow FCF	0.005
8042-47-5	mineral oil	0.001
68583-95-9	pigment allura red AC	0.001
68921-42-6	pigment brilliant blue FCF	0.001
5281-04-9	pigment red lithol BK	0.001
12225-21-7	pigment tartrazine	0.001
471-34-1	calcium carbonate	0.0005
112945-52-5	silica	0.0005

**Full list of ingredients in non-tobacco components used in Philip Morris International cigarettes  
manufactured for sale in Europe**

**Tipping Papers and Tipping paper Inks**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
various	cellulose	4.4
471-34-1	calcium carbonate	1.5
various	kaolin	1.1
12040-43-6	aluminium silicate, magnesium sodium salt	0.6
various	pigment iron oxide yellow	0.3
9004-70-0	collodion	0.2
12001-26-2	pigment mica	0.2
10028-24-7	sodium phosphate dibasic	0.2
various	starch and/or modified starches	0.2
14807-96-6	talc	0.2
77-90-7	acetyl tributyl citrate	0.1
21645-51-2	aluminium hydroxide	0.1
various	pigment iron oxide black	0.1
7440-44-0	activated charcoal	0.05
various	alkylketene dimer	0.05
7787-59-9	bismuth oxychloride	0.05
9004-57-3	ethyl cellulose	0.05
various	pigment brilliant blue FCF	0.05
12227-78-0	pigment erythrosin	0.05
16521-38-3	pigment indigotine	0.05

1309-37-1	pigment iron oxide red	0.05
100208-62-6	pigment quinoline yellow	0.05
5281-04-9	pigment red lithol BK	0.05
various	pigment silver and/or gold	0.05
15790-07-5	pigment sunset yellow FCF	0.05
various	pigment tartrazine	0.05
various	rosin	0.05
9005-38-3	sodium alginate	0.05
29497-08-3	styrene - acrylate polymers	0.05
102-76-1	triacetin	0.05
1318-59-8	chlorite	0.01
25212-19-5	epichlorhydrin resin	0.01
25038-59-9	poly(ethylene terephthalate)	0.01
various	silica	0.01
9005-38-3	sodium alginate	0.01
various	paraffin	0.005
68583-95-9	pigment allura red AC	0.005
3567-69-9	pigment azorubine	0.005
2519-30-4	pigment brilliant black BN	0.005
94581-16-5	resin acids and rosin acids, maleated, esters with glycerol	0.005
9004-62-0	hydroxyethylcellulose	0.0005
25895-47-0	polypropylene butylene ethylene terpolymer	0.0005
8061-51-6	sodium ligninsulfonate	0.0001

**Full list of ingredients in non-tobacco components used in Philip Morris International cigarettes  
manufactured for sale in Europe**

**Filtration Material**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
9004-35-7	cellulose acetate	20.9
7440-44-0	activated charcoal	6.6
102-76-1	triacetin	2.4
various	triglyceride oils	1.4
2216-51-5	menthol	0.5
various	modified starches and polysaccharides	0.3
-	natural and/or artificial flavourings	0.2
9000-70-8	gelatin	0.1
56-81-5	glycerol	0.05
50-70-4	sorbitol	0.05
various	pigments	0.005
68-04-2	sodium citrate	0.005
-	processing aids (Water,Finishing oil)	

**\* only present in cigarillos**

**Full list of ingredients in non-tobacco components used in Philip Morris International cigarettes  
manufactured for sale in Europe**

**Filter Adhesives**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
24937-78-8	ethylene-vinyl acetate copolymer	3.0
9003-20-7	polyvinyl acetate	2.8
102-76-1	triacetin	0.3
8002-74-2	paraffin	0.2
25213-24-5	polyvinol	0.2
9011-11-4	styrene-alpha-methylstyrene resin	0.2
68132-00-3	hydrocarbon resin	0.1
9005-25-8	starch	0.005
-	processing aids (Antioxidant,Defoamer,Water,Preservative)	

**Full list of ingredients in non-tobacco components used in Philip Morris International cigarettes  
manufactured for sale in Europe**

**Filter Wraps**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
various	cellulose	13.7
471-34-1	calcium carbonate	1.8
68442-85-3	viscose	0.4
9002-89-5	polyvinol	0.3
65996-62-5	starch and/or modified starches	0.3
25212-19-5	epichlorhydrin resin	0.1
various	alkylketene dimer	0.05
9004-32-4	carboxymethylcellulose and its sodium salt	0.05
9000-30-0	guar gum	0.01
863408-20-2	fluoropolymer acetate salt	0.005

The information disclosed on the Philip Morris International website is provided on a voluntary basis by the company for consumer information purposes only. This information is not suitable for use by regulatory authorities. Philip Morris International provides official reports to regulatory authorities in line with applicable legal requirements.

### Footnotes

- 1 CAS            Chemical Abstract Service Registry Number. This number is provided where available to identify the ingredient.
- 2 Ingredient    International Union for Pure and Applied Chemistry (IUPAC) name or common chemical name of the ingredient, listed in decreasing order of MUL.
- 3 MUL            Maximum Use Level. The maximum quantity at which the ingredient is used in any Philip Morris International brand in this country, expressed as a percentage of the product weight.
- Processing Aid    Facilitates the manufacturing of the tobacco product or its components and are either not present or occur in residual amount and have no function in the final product.