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APE 4669 C

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	Product: Vacuum pouch PA/PE 90	Ed. 01 Rev. 05 Date Rev. 15/04/2013	

Description: Medium gas barrier vacuum pouch produced from coextruded film made of polyamide and polyethylene sealing layer.

Application: Vacuum packaging of fresh or processed food like fresh or cooked meat, cheeses, dried cured meat, fish, processed vegetables etc.

Modified atmosphere packaging is possible depending on product contained, gas mixture used and required shelf life.

Properties	Unit	Method	Value	Tolerance
Thickness	microns	DIN 53370	90	+/- 10%
Weight per unit area	g/m ²	DIN 53104	81,7	+/- 10%
Tensile stress at max load LD	N/15 mm	DIN 53455-6	42	/
Tensile stress at max load TD	N/15 mm	DIN 53455-6	31	/
Elongation at break MD	%	DIN 53455-6	Min. 200 Max. 300	/
Elongation at break TD	%	DIN 53455-6	Min. 250 Max. 400	/
Water vapour permeability*	g/m ² 24h	DIN 53122 23°C 85% R.H.	< 5	/
Oxygen permeability*	cc/m ² 24h atm	DIN 53380 23°C 75% R.H.	< 65	/
Nitrogen permeability*	cc/m ² 24h atm	DIN 53380 23°C 75% R.H.	< 15	/
Carbon dioxide permeability*	cc/m ² 24h atm	DIN 53380 23°C 75% R.H.	< 200	/
External pouch dimensions	mm	/	from 100 to 300 mm	+/- 5 mm
			from 301 to 600 mm	+/- 7 mm
			from 601 to 1300 mm	+/- 10 mm
Sealing dimension of not printed 3 side sealed bags	mm	/	7,5	+/- 4,5 mm
Sealing dimension of side gusset pouches and printed 3 side sealed bags	mm	/	7,5**	+/- 2,5 mm
Food contact temperature and storage times	°C	-40/+40°C for all storage times from 41 to 70°C up to max 2 hrs from 71 to 100°C up to max 15 min		

*Theoretical values

** 15 mm for bottom seal in side gusset pouches over 200 mm of width or "snip" pouches; 25 mm for bottom seal of pouches with Eurohole
Material must be stored away from sunlight and in a clean place. Temperature must be kept between 15°C and 25°C with relative humidity between 50 and 75 %.

Material supplied complies with regulation EC 10/2011, regulation 1935/2004/EC and subsequent amendments.

All values mentioned are at the best of our knowledge . The application, use and processing of the products are beyond our control, and therefore, under the entire responsibility of the user who is recommended to test the material in the most appropriate working conditions before placing industrial orders.