



# PET500 48ga

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A co-extruded one side heat sealable film. Heat sealable layer is designed to heat seal to itself or APET, CPET, PVC etc. Suitable for flexible packaging & dual ovenable.

PROPERTIES	TEST METHOD	UNIT		TARGET	MINIMUM	MAXIMUM
Thickness	StockPKG Method	Micron		12	11.64	12.36
		Gauge		48	46.56	49.44
Yield	StockPKG Method	m <sup>2</sup> /kg		59.52	57.79	61.36
		in <sup>2</sup> /lb		41,847	40,630	43,140
Tensile Strength at break	ASTM D 882	Kg/cm <sup>2</sup>	MD	2100	1900	2300
		(Kpsi)	TD	29.9	27.0	32.7
Elongation at break	ASTM D 882	%	MD	130	90	170
			TD	120	80	160
Coefficient of friction	ASTM D 1894	-	Static	0.50	0.40	0.60
			Dynamic	0.45	0.35	0.55
Heat Seal Strength (Seal to Seal) (120°C, 2Sec & 30 N)	StockPKG Method	gm/25 mm		350	250	550
Haze	ASTM D 1003	%		3.5	2.5	4.5
Shrinkage	ASTM D 1204	%	MD	1.8	1.2	2.4
			TD	0.4	0	0.8
M.V.T.R. (38°C, 90% RH)	ASTM F 1249	gm/m <sup>2</sup> /24 hrs		40	30	50
O.T.R. (23°C, 50% RH)	ASTM F 1927	cc/m <sup>2</sup> /24 hrs		100	80	120

\* MD = Machine Direction, \* TD = Transverse Direction

**Storage & Handling:** Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

**Food Contact:** Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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