



Keep it fresh

Autoclave Bags

ROP's Autoclave bags are made of a non-oriented coextruded polypropylene film, produced by a flat die, chill roll process. They are especially engineered to conform with the most demanding requirements of the industry for sterilization of biohazard waste disposal according to the US and EU Impact and Tear Strength requirements as well as US Federal DOT regulations for interstate transport of regulated waste.

ROP's Autoclave bags are suitable for autoclave sterilization at up to 135°C (275F) for 60 min).

Characteristics:

- Good thermal properties
- Good strength and puncture resistance
- Excellent optics, low haze, high gloss
- Good printability
- Good grease and oil resistance
- Good chemical resistance

Typical Properties:

Film Properties	Units		ASTM #	Typical Value	Typical Value
Thickness	Micron			38	80
Tensile Strength	MPa	MD	D 882	64	50
		TD		54	39
Elongation at Break	%	MD	D 882	783	868
		TD		867	890
Coefficient of Friction	film to film		D 1894	0.2	0.2
Haze	%		D 1003	2.1	4.5
Gloss (45°)	%		D 2457	85	84
WVTR (38°C, 90%RH)	g/m ² /24h		TNO/ PIRA	10.7	3.8
OTR (25°C, 0%RH)	cc/m ² /24h		D 1434	2820	1000

Treatment level ≥ 38 Dynes/cm (ASTM-D2578)

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