

Opti[®] 200 Shrink Film

Cross-linked multi-purpose strength film for a broad range of applications



Benefits

- SUPERIOR OPTICS
- TOUGH
- VERSATILE
- FLEXIBLE
- USER FRIENDLY
- FDA APPROVED
- RECYCLABLE
- AVAILABLE IN CENTERFOLD ONLY

Opti[®] 200 Properties

	ASTM Test Method	Typical Values			
		MAX	STD	DUR	
Haze (%)	D 1003-95	2.8	3.1	3.3	
Gloss (%)	D 2457-90	89	87	87	
Clarity (%)	D 1746-92	87	86	86	
Instrumented Impact Strength (Lb.)	D 3763-95a	12.8	18.8	23.9	
Coefficient of Friction (film-to-film, kinetic)	D 1894-95	0.33	0.22	0.22	
Water Vapor Transmission Rate (gms/100sq. In./24hrs.)	F 1249-90	1.4	1.4	1.2	
Oxygen Transmission Rate (cc/m ² / 24 hrs. @ 73 °F., 1atm)	D 3985-95	10200	9500	8000	
Tear Propagation (gms) LD* / TD**	D 1938	2.9 / 3.9	3.8 / 4.9	5.3 / 6.0	
Elongation at Break (%) LD* / TD**	D 882-95	100 / 120	95 / 30	110 / 135	
Minimum Use Temperature		-60 °F			
Maximum Storage Temperature		90 °F			
		LD*	TD**	LD*	TD**
Tensile Strength (psi)	D 882-95	20000	20000	17500	19000
Modulus of Elasticity (psi @ 73 °F)	D 882-95	85000	90000	60000	65000
Free Shrink (%)	D 2732-83				
@200 °F		10	16	14	20
@220 °F		17	26	22	33
@240 °F		49	55	57	60
@260 °F		82	78	77	77
Shrink Tension (psi)	D 2838-95				
@200 °F		230	550	350	500
@220 °F		400	650	400	570
@240 °F		410	650	440	600
@260 °F		470	550	440	535
@280 °F				420	450

* Longitudinal Direction ** Transverse Direction

This information represents our best judgement based on the work done, but the Company assumes no liability whatsoever in connection with the use of information or findings contained herein. Opti[®] Max shrink film complies with the requirements of the Federal Food, Drug and Cosmetic Act, as amended, for the packaging of all foods, with the exception of high alcoholic, at temperatures of 65 °C and below.



Shrink Packaging Division

Sealed Air Australia Ltd.

Tel : 1 800 808 481 Fax: 1 800 250 650

Sealed Air Packaging (Shanghai) Co. Ltd.

Tel: +86 21 6375 8769 Fax: +86 21 6375 8770

Sealed Air Hong Kong Ltd.

Tel: +852 2178 7878 Fax: +852 2407 3385

Sealed Air (Korea) Ltd.

Tel: +82 2 408 5678 Fax: +82 31 763 4744

Sealed Air HK Ltd. — Indonesia Rep office

Tel: +62 21 8298 748 Fax: +62 21 8298 749

Sealed Air (Malaysia) Sdn Bhd

Tel: +60 3 7847 6998 Fax: +60 3 7847 6689

Sealed Air New Zealand

Tel: +64 9 813 9800 Fax: +64 9 813 9804

Sealed Air Philippines Ltd.

Tel: +63 2 807 3193 Fax: +63 2 809 5643

Sealed Air (Singapore) Pte. Ltd. (Co. Reg. No. 198403458K)

Tel: +65 6861 1828 Fax: +65 6861 5221

Sealed Air (India) Private Ltd.

Tel: +91 80 5117 9393 Fax: +91 80 5117 1301

Sealed Air (Taiwan) Ltd.

Tel: +886 3 324 2988 Fax: +886 3 324 3088

Sealed Air (Thailand) Ltd.

Tel: +66 2 902 0579 Fax: +66 2 902 0564

Our Products Protect Your Products[®]