

CCS

Clean/Soft high performance crosslinked shrink film

Vanguard Shrink Films CCS is a multi-layer, high clarity clean/soft shrink film and is formulated to shrink quickly at a lower shrink tunnel temperature. CCS is a polyolefin film that is ideal for wrapping flexible products that require a gentle, but complete shrink. This film is compatible with nearly all shrink wrapping equipment in use today.



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CCS Highlights:



SHRINK FILMS

- Clean/Clear/Soft shrink with low shrink force
- Lower seal and shrink temperatures
- Excellent gloss and clarity
- Consistent machineability
- Will seal on most seal systems
- Complies with FDA and USDA regulatiions



Typical Properties	UNIT	ASTM Test Method	45G	60G	75G
Standard Roll Length	Feet	CW	5,830	4,375	3,500
		SW	11,660	8,750	7,000
Gloss @ 45 deg.	%	D2457	88	88	87
Наze	%	D1003	2.4	2.5	2.8
Clarity	%	D1746	99	98	98
Elongation at break (%)	%	D882	120	125	125
Shrink force @ 212°F (psi)	PSI	D2838	275/370	275/370	275/370
Tensile strength (psi)	PSI	D882	11,500	11,500	11,500
Tear strength (gms/ply)	g	D1922	10	14	21
Coefficient of friction (film to film:kinetic)		D1894	0.30	0.30	0.30
WVTR	gms/100si/24hrs	F1249	2.0	1.8	1.3
OTR	cc/M2/24hrs	D3985	9,400	8,700	5,900
Unrestrained shrink (%) @ 248°F	%	D2732	167	167	167
Stiffness modulus (psi)	PSI	D882	30,000	30,000	30,000

This information represents our judgment based on tests performed, but Vanguard Shrink Films, Inc. assumes no liability whatsoever in connection with the use of this information or suggestions contained herein. They are given and accepted at the user's risk. We urge purchasers to conduct independent tests to determine final suitability for their specific application.