



## D5-FILM80-2-White/Grey (Gloss)

D5-FILM80-2-White/Grey is a Butene LD (Low Density), LLDPE (Linear Low-Density Polyethylene) blended coextruded film. The notable properties of this film include excellent tensile and elastic properties, making it ideal for application requiring high strength. The intended applications for this film include use in inter-office mailers and other small pouch applications. D5-FILM80-2-White/Grey is compliant with FDA 21 CFR 177.1520.

### Specifications:

Properties	Typical Values	Typical Range	ASTM Test Method
Yield (in <sup>2</sup> /lb.)	10,800	9,800-11,800	
Dart Impact (gm)	350	200-500	D1709
Elmendorf tear (gm)			
MD	600	400-800	D1938
TD	1,300	1,000-1,600+	
1% Secant Modulus (psi)			
MD	35,000	25,000-45,000	D882
TD	35,000	25,000-45,000	
Tensile Yield (psi)			
MD	1,700	1,100-3,000	D882
TD	1,600	1,000-3,000	
Ultimate Tensile (psi)			
MD	3,500	2,500-4,500	D882
TD	3,500	3,000-4,500	
Ultimate Elongation			
MD	800	600-1,000	D882
TD	900	700-1,200	
Gloss (45)	60	50-70	D2457
Opacity (%) White/Grey	98/97	90-100/90-100	
Light Transmission (%)	5	1-10	D1894
Coefficient of Friction	.15	.10-.25	

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