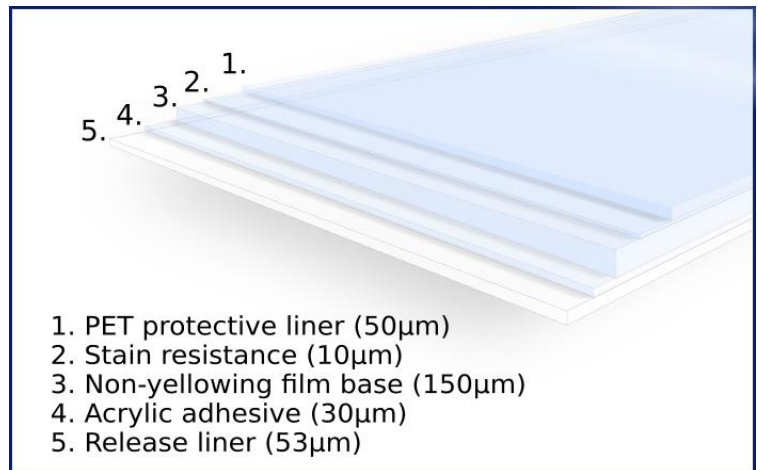# Technical Data – CS400DS

Product description

- High quality anti-chip paint-protection film
- 10 years warranty
- Doesn't yellow
- High-gloss
- Stain resistant

Construction

- PET protective liner (50µm)
- Stain resistance coating (10µm)
- Non-yellowing film base (150µm)
- Acrylic adhesive (33µm)
- Release liner (53µm)

1. PET protective liner (50µm)
2. Stain resistance (10µm)
3. Non-yellowing film base (150µm)
4. Acrylic adhesive (30µm)
5. Release liner (53µm)

Technical data

Item	Unit		Spec.		Test method
Thickness	µm	Inch	190	.0075	ASTM D3652
Density	kg/m3	lb/ft3	950±10	58.7±0.62	JIS K 6760
Taber abrasion	g	-			
Gloss 60°	%	-	138	-	OTM 3 309
Haze	%	-	>1	-	ASTM D 1003
Tensile strength	MPa	psi	≥ 65	0.448	ASTM D 412
Elongation at break	%	-	>450	-	ASTM D 412
Outdoor Weathering	3,000hrs	1,000hrs	No change	No change	-

Application

Clear Shield paint protection films have been specially developed for protecting susceptible areas of cars and other vehicles from damage from stone chips and scuffing. The films are produced from high grade polyurethane, which has excellent high impact resistance, excellent transparency and high gloss. The films are coated with quality acrylic adhesive with very good long term ageing properties. Tested in most extreme climatic conditions in Russia and United Arab Emirates, the films will not crack, discolour or shrink.

Note

Unless stated otherwise all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Hi-Bond Tapes Ltd. will not be responsible for product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended application.

UL Underwriters Laboratories

bsi. ISO 9001:2015 Quality Management FS 661697

bsi. ISO 14001:2015 Environmental Management EMS 661698

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