

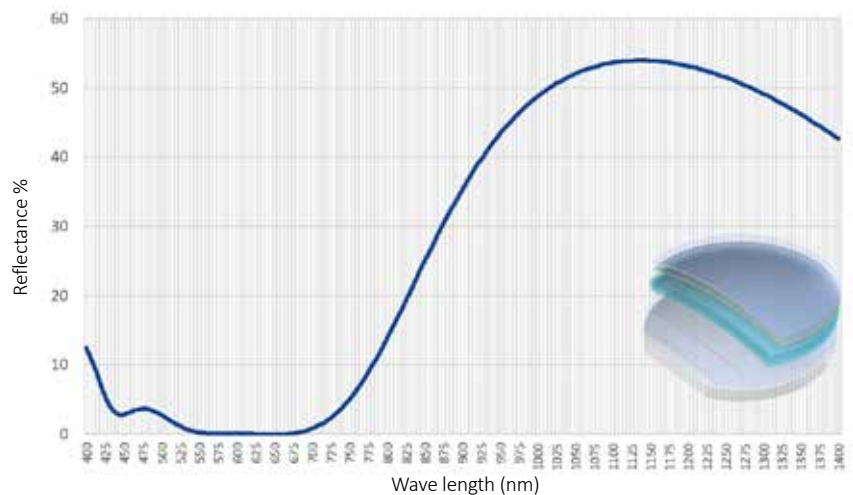
PROTECT INFRARED

SPECIALIZED AR PROCESS

Protect Infrared is an antistatic, broadband, multi-layer anti-reflection coating, with very high scratch resistance properties when applied on lacquered HI lenses. It provides outstanding near infrared protection improvement which prevents retinal injuries. A process-specific topcoat treatment is added as the last step. The complete process is applied on both lens sides in a short production time.

Temperature reached	Approx. 70°C / 158°F
Suitable substrates	Lacquered plastic lenses
Residual reflection color	Blue (reference color)
Refractive indexes	CR39, High Index and Polycarbonate (lacquered lenses)

Reflectance curve (0° AOI - single surface)



Machine Model	Lens capacity 70 mm			PROTECT INFRARED Productivity lenses/hour (**)			
	Sector Dome	Full Dome	Ringless Full dome	Process time (*) Min.	Sector Dome	Full Dome	Ringless Full dome
1200-DLX-2	168	n/a	209	39.5	128	n/a	151
MC-380-X-2	60	67	74	43.5	41	46	49
MC-280-X with Meissner	27	30	n/a	n/a	n/a	n/a	n/a
1500-X	246	n/a	305	n/a	n/a	n/a	n/a
MC-280-X without Meissner	27	30	n/a	n/a	n/a	n/a	n/a

(*) 1 side only, door close / door open

(**) Calculated from door close/door open, 2 sides , without consider handling time, for lenses 70 mm diameter.

n/a Not available