

## POLYCARBONATE Sheet Products

TECH BRIEF: 5002

### A-A-59502 Specification for Plastic Sheet, Polycarbonate Commercial Item Description (CID)

This commercial item description (CID) covers four types of polycarbonate sheet ranging in length from 3 feet to 12 feet, width from 2 feet to 8 feet, and thickness from 0.010 inch to 1.000 inch. Intended applications include architectural glazing, windows, food and medical handling, aircraft interiors, lighting fixtures, skylights, windscreens, passive solar collectors, conveyor covers, signs, and bus shelters.

This specification supersedes military specification MIL-P-46144C.

#### Compliant Palram Polycarbonate Products

Classification	Palram Polycarbonate Products
<b>TYPE I - STANDARD SHEET</b>	
• Class 1 - Ultraviolet (UV) Stabilized	PALSUN®, PALSUN® CS, PALSUN® SG
• Class 2 - Non-UV Stabilized	PALSUN® Basic
<b>TYPE II - FLAME RESISTANT</b>	
• Class 1 - Ultraviolet (UV) Stabilized	PALSUN® FR
• Class 2 - Non-UV Stabilized	PALSUN® Basic FR
<b>TYPE III - MAR RESISTANT, UV STABILIZED</b>	
• Class 1 - Ultraviolet (UV) Stabilized	
Grade A - High Abrasion	PALGARD®, PALGARD® TG
Grade B - Medium Abrasion	N/A
<b>TYPE IV - COATED SHEET WITH UV RESISTANCE</b>	
• Class 1 - Monolithic	
Grade A - Corrugated or Ribbed	SUNTUF®, SUNSKY®, DYNAGLAS®, SUNGLAZE®
• Class 2 - Profiled / Structured	
Grade B - Double walled	SUNLITE®, ThermaGlas™, SUNPAL®

#### Palram Americas, Inc.

ISO 9001:2000 | ISO 14001-2004 Certified

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