

PRODUCT	MATERIAL	DESCRIPTION/APPLICATIONS	SPECIFICATIONS
FLAME AND SMOKE RATED SHEET			
R15	FR ABS	Fire-rated non-PVC, FR ABS rigid sheet Applications: medical and electronic housings and components	Listed: UL 94 V-0 @ 0.060" Listed: UL 94 5VB @ 0.098" Passes: UL Ball Pressure Test
R24	FR ABS	GP ABS fire-rated rigid sheet Applications: Office machine housings, medical, electronics	Listed: UL 94 HB @ 0.060"
R39	FR HDPE	Fire-rated HDPE rigid sheet Applications: Mine shaft ducting, industrial material handling, totes, trays	Passes: UL94 V0 @ 0.125" and above 30CFR 7.28 test US Mine Safety & Health Admin
R49/52	PVC/Acrylic	Fire-rated PVC/Acrylic rigid sheet Applications: Building and construction, wall protection	Class-A: ASTM E-84 @ 0.080", bonded to cement board
R503	TPR	Fire-rated TPR flexible sheet Applications: Aircraft interior	Class-A: ASTM E-84 @ 0.080", bonded Passes: FAR 25.853 (a)(ii) @ 0.120"
R52	PVC/Acrylic	Fire-rated PVC/Acrylic rigid sheet Applications: Medical and electronic components and enclosures; aircraft cabin and seat components; mass transit; building and construction	Listed: UL 94 V-0 @ 0.027" Listed: UL 94 5VA @ 0.051" Passes: FAR 25.853 (a)(i) @ 0.040" Class A: ASTM E84 @ 0.028", bonded Meets: CAL 1350
R552	PVC/Acrylic	Fire-rated PVC/Acrylic rigid sheet, 100% recycled content Applications: Medical and electronic components and enclosures	Listed: UL 94 V-0 @ 0.031" Listed: UL 94 5VA @ 0.094"
R57	PVC/ABS	Fire-rated PVC/ABS rigid sheet Applications: Aircraft cabin and seat components	Passes: FAR 25.853 (a)(ii) @ 0.047"
R574	FR ABS	Fire-rated non-PVC, FR ABS rigid sheet Applications: Medical and electronic enclosures and components	Listed: UL 94 V-0 @ 0.063" Listed: UL 94 5VA @ 0.125" Passes: UL Ball Pressure Test
R59	PVC/ABS	Fire-rated PVC/ABS rigid sheet Applications: Medical and electronic enclosures and mass transit seat components	Listed: UL 94 V-0 @ 0.085" Listed: UL 94 5VA @ 0.0901" Passes: UL Ball Pressure Test
R559	PVC/ABS	Fire-rated PVC/Acrylic rigid sheet, up to 100% recycled content Applications: Medical and electronic enclosures	Listed: UL 94 5VA @ 0.091" Listed: UL 94 5VA @ 0.0901"
R60	PVC/Acrylic	Fire-rated PVC/Acrylic rigid sheet Applications: Aircraft cabin and seat components	Passes: FAR 25.853 (a)(i) @ 0.040"
R61	PVC/Acrylic	Smoke-rated, fire-rated PVC/Acrylic rigid sheet Applications: Mass transit interiors, seats, panels	Passes: Motor Vehicle Standard FMVSS 302 Passes: UL 94 V-0 @ 0.031" Passes: FTA Guidelines Docket 90
R927	PC/ABS	Fire-rated non-PVC rigid sheet Applications: Medical and electronic components and enclosures	Listed: UL 94 V-0 @ 0.059" Listed: UL 94 5VA @ 0.118"
G50	PETG	Fire-rated non-PVC rigid sheet Applications: Building and construction, wall protection	Class-A: ASTM E84 @ 0.080", unbonded Class-A: ASTM E84 @ 0.125", bonded Passes: ASTM G21 Meets: CAL 1350
ELECTROSTATIC DISSIPATIVE (ESD) SHEET			
R63	PVC/ABS	Conductive, fire-rated PVC/ABS rigid sheet Applications: Dissipation of electrostatic charges, IC chip carriers, trays and tray dividers, available black only	Meets: Static Decay MIL-B-81705C Meets: NFPA Code 99 Listed: UL 94 V-1 @ > 0.066" Surface resistivity < 10 ⁵ Ω
R64	HMWPE	Conductive HMWPE rigid sheet Applications: Dissipation of electrostatic charges, trays, IC chip carriers, fuel container lids, available black only	Passes: UL 94 HB Heat Deflection Temperature (HDT) 195°F Surface resistivity < 10 ⁵ Ω

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ELECTROSTATIC DISSIPATIVE (ESD) SHEET			
R632	PVC/ABS	Conductive, fire-rated PVC/ABS rigid sheet Applications: Dissipation of electrostatic charges; Protects internal components from ESD in electronics; Container for explosive devices, available black only	Meets: Static Decay MIL-B-81705C Meets: NFPA Code 99 Listed: UL 94 V-1 @ > 0.058" Listed: UL 94 V-0 @ > 0.090" Surface resistivity < 10 ⁵ Ω
R607	PETG	Internal anti-stat PETG Applications: Medical, electronic and food packaging markets where there is a need to control/minimize static build-up/discharge	Clear and impact resistant Surface resistivity 10 ¹⁰ Ω Roll stock 0.010–0.040"
R608	PETG	Topical anti-stat PETG Applications: Medical, electronic and food packaging markets where there is a need to control/minimize static build-up/discharge and clarity needs to be maintained	Surface resistivity 10 ⁸ –10 ¹⁰ Ω UL 94 HB @ 0.010" and above Roll stock 0.010–0.040"
R637	HIPS	Internal anti-stat HIPS Sheet Applications: Medical, electronic and food packaging markets where there is a need to control/minimize static build-up/discharge	Surface resistivity 10 ¹⁰ Ω Complies with EU and FDA Food Contact Regulations
WEATHER RESISTANT SHEET			
R85/21	UV Cap/ABS	Rigid ABS weather-resistant rigid sheet Applications: RV, agricultural equipment, marine parts	Passes: Motor Vehicle Standard FMVSS 302
R87/59	PVC/ABS	Economical, weather-resistant, fire-rated rigid sheet Applications: Outdoor equipment, electronic and telecom enclosures	Listed: UL 746C-f1 Listed: UL 94 V-0 @ > 0.047" Listed: UL 94 5VA @ > 0.085"
R89	PVC	Weatherable, flame-retardant, rigid PVC Applications: Outdoor equipment, electronic and telecom enclosures	Listed: UL 94 V-0 @ 0.060"
R98/24	ABS	Weatherable, Korad, rigid UL listed ABS sheet Applications: Outdoor equipment, electronic and telecom enclosures	Listed: UL 94 HB @ 0.060"
R98/52	PVC/Acrylic	Weatherable, Korad, flame-retardant, rigid PVC/Acrylic Applications: Outdoor equipment, electronic and telecom enclosures	Passes: UL 94 V-0 @ 0.027" Passes: UL 94 5VA @ 0.051" Passes: UL 94 5VB @ 0.031" Passes: E-162 < 6
R98/59	ABS	Weatherable, Korad, flame-retardant PVC/ABS Applications: Outdoor equipment, electronic and telecom enclosures	Passes: UL 94 HB @ 0.060" Passes: UL 94 V-0 @ 0.085" Passes: UL 94 5VA @ 0.091"
SPECIALTY GRADE SHEET			
HG	PVC/Acrylic	Holster grade sheet Applications: Small to medium handgun holsters, knife sheaths	Easy to form, machine, fasten and bond; durable; range of colors and textures
R26	ABS	Unusual combination of very high tensile strength and stiffness, coupled with outstanding formability Applications: Food handling equipment, trays, boxes, and devices	Upon request, can be formulated to comply with current FDA and NSF requirements
R52 AM	PVC/Acrylic	Fire-rated with antimicrobial technology Applications: Building and construction, wall coverings, panels	Listed: UL 94 V-0 @ 0.028" and above Listed: UL 94 5VA @ 0.118" and above Listed: UL 94 5VB @ 0.047" and above Class-A: ASTM E84 @ 0.060" Meets: G-22 for resistance to bacterial growth
R104	ABS	Soft, vinyl foam laminated to ABS Applications: Automotive consoles, dash and door panels	Passes: Motor Vehicle Standard FMVSS 302
Royalite WC	PVC	PVC high impact rigid backer film Applications: Medium to heavy-duty wall covering and clean rooms	Anti-Flame/Smoke material Film thickness 0.006" to 0.012" Width 25" to 65"
GENERAL PURPOSE ABS SHEET			
R12	ABS	High temperature Applications: Automotive housings and panels, food trays, tote boxes	Heat Deflection Temperature (HDT) = 220°F
R20	ABS	High impact, low temperature Applications: Water softener housings, instrument panels, luggage	Notched Izod Impact (ft-lb/in) @ 70° F = 8.0 @ -30° F = 5.0
R21	ABS	High impact Applications: Office furniture, hospital beds, machine guards, housings, bus seating	All-purpose thermoforming grade
R23	ABS	Medium impact Applications: Office or patio furniture, specialized cases	All-purpose thermoforming grade