LOW SMOKE, LOW FLAME & LOW TOXICITY EXTRUSIONS

Rely on Durox for superior low smoke, low flame and low toxicity extrusions used in rail vehicles. Our rubber compound has been thoroughly tested and is approved for service across a range of rail applications including replacement door and window seals, aero effects and other components on existing vehicles. Equip your vehicles with the best materials and give your passengers the ride quality and safety they deserve.

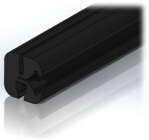
Certified to Meet:

- NFPA 130: Standard for Fixed Guideway Transit and Passenger Rail Systems
- 49 CFR Part 238: Federal Passenger Equipment Safety Standards
- BSS 7239: Boeing Toxicity Test
- ASTM 1354: Smoke, Flame & Toxicity Requirements for North America

Surface Flammability & Smoke Density Requirements Specified by NFPA 130

Category	Function of Material	ASTM E662 Max Specific Density		ASTM E162 Max Flame Spread*
		90 Seconds	4 Minutes	
Cushioning	All individual flexible cushioning materials used in seat cushions, mattresses, mattress pads, armrests, crash pads, grab rail padding	100	175	25**
Fabrics	Seat upholstery, mattress ticking & covers, curtains, draperies, window shades, woven seat cushion suspensions	NR	200	(1)
Other Vehicle Components	Seat & mattress frames, wall & ceiling lining & panels, seat & toilet shrouds, toilet seats, trays & other tables, partitions, shelves, opaque windscreens, combustible signage, end caps, roof housings, articulation bellows, exterior shells, nonmetallic skirts, component boxes & covers	100	200	35
	Thermal & acoustical insulation	NR	100	25
	HVAC ducting	NR	100	25
	Floor covering	100	200	(2)
	Light diffusers, windows, transparent plastic windscreens	100	200	100
	Adhesives & sealants	200	200	35
Elastomers	Window gaskets, door nosings, inter-car diaphragms, seat cushion suspension diaphragms, roof mats	100	200	(3)
Wire & Cable	All	N/A	N/A	N/A
Structural Components	Flooring, other	NR	NR	N/A

NR = Not required
N/A = Not applicable; Another test applies
* In addition, flaming running and/or dripping not permitted
** ASTM D3675
(1) FAA 12 Second Vertical: Maximum Afterflame*: 10 seconds; Maximum Burn Length: 6”
(2) ASTM E648: Minimum Critical Flux: 0.5 W/cm^2
(3) ASTM C1166: Maximum Flame Propagation* 4”



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