End of Life Recovery Options

Legacy Products (Discontinued): Bop, Click 24 hr, Click ESD, Foundation Healthcare, Glide, Inflex, Luna, MG, Pod, Reverb, Swing, Tune, Vibe, Workchair Current Products: Allround, Avo, Bounce, Brooks, Cove Lounge, Cove Tables, Dia Tables, F4, Foundation, Insight, Insight Decora, Insight Executive, Insight Wraparound, Mark 2, Obair Tables, Nestle, NYC, Paz, Rhythm, Ridge, Ridge Guest, Robus, Sava, Sava Mesh, Sava Mesh Back, Share, Welcome, Verve, Yoom, Zephyr

Identification of Materials		Material Recovery Opportunities			
Material	Example Components	Recycling Notes	Higher Value	Lower Value	

Plastic						
Acetal (POM)	Glides (Brooks)		Recycled POM Regrind			
Acrylonitrile Butadiene Styrene (ABS)	Amr Caps, Leg Cap Glide, Spacers (Insight Wraparound)	Actively recycled into raw polymer by industrial plastic recyclers. It is important to note, however, that recycled plastic markets are highly variable and acceptance of a given material fluctuates based upon multiple factors (e.g. material type, quantity, presence of contaminants, markets for that material, etc.). Recycling value is improved with greater quantities and accurate material identification (i.e. identified by base polymer, filler, and additive content).	Recycled ABS Regrind			
High Density Polyethylene (HDPE)	Seat Pans; 4-Blade Base Glides (Nestle); Leg Cap Glides		Recycled HDPE Regrind	Mixed Thermoplastic Compression Molding		
Low Density Polyethylene (LDPE, LLDPE)	Packaging Foam		Recycled LDPE Regrind			
Nylon (PA)	Velcro; Nylon Sleeve; Arm Caps (Bounce, Brooks); Seat Back (Sava)		Recycled PA Regrind			

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Identification of Materials		Material Recovery Opportunities			
Material	Example Components	Recycling Notes	Higher Value	Lower Value	

Plastic						
Polycarbonate (PC)	Arm Caps (Rhythm); Glides (Rhythm)	Actively recycled into raw polymer by industrial plastic recyclers. It is important to note, however, that	Recycled PC Regrind			
Polypropylene (PP)	Seats; Seat Insert; Arm Caps; Seat & Back (Rhythm)	multiple factors (e.g. material type, quantity, presence of contaminants, markets for that material, etc.). Recycling value is improved with greater quantities and accurate material identification (i.e. identified by	Recycled PP Regrind	Mixed Thermoplastic Compression Molding		
Polyurethane (PU)	Seats; Glides		Recycled Carpet Padding			
Polyurethane Foam	Seat/Back Cushion Insert; Arm Cushion Insert; Side Cushioning	Actively recycled by foam manufacturers and recyclers into carpet padding.	Recycled Carpet Padding			

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Identification of Materials		Material Recovery Opportunities			
Material	Example Components	Recycling Notes	Higher Value	Lower Value	

Metals - Ferrous (e.g. Steel, Iron)						
Steel	Chair Frame; J-Bar; Fasteners; Rods; Clips; Arm Mounting Brackets; Crossbar; Front Leg Bar; Plate bar; Angle Bar; Tubing	Actively recycled into raw ferrous metal ingot. Ferrous metals are easily separable from other materials through shredding and magnetic separation. Therefore, many metal recyclers will accept ferrous metals which contain small amounts of mixed materials (e.g. plastic, aluminum).	Recycled Steel Ingot	Off Grade Ferrous Ingot		
Metals - Non-Ferro	us (e.g. Aluminum, Stainless Steel, Zinc D	Die Cast, Brass)				
Cast Aluminum	Base; Arms (Robus, Welcome, others optional); Arm Inserts; Legs (Share); Back Support (Zephyr)	Actively recycled into raw metal ingot. Non- ferrous metals are not separable through magnetic separation. Recycling value is	Recycled Cast Grade Aluminum Ingot	Recycled Off Grade Aluminum Ingot		
Zinc Die Cast	Zipper Slides	improved with greater quantity and accurate material identification (e.g. metal grade).	Recycled Zinc Die Cast Ingot	Recycled Off Grade Zinc Ingot		

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Identification of Materials		Material Recovery Opportunities			
Material	Example Components	Recycling Notes	Higher Value	Lower Value	

Textiles					
Natural Fabrics	Determined by customer at time of order.	Recycling possible into non-woven fabrics.	Recycled fibers into shoddy for use in non-woven		
Polyester Fabrics	Determined by customer at time of order.	Recycling possible into raw polymer.		Waste to Energy	
Mixed Fabrics	Determined by customer at time of order.	Recycling possible into non-woven fabrics.	products		
Vinyl	Determined by customer at time of order.	Recycling possible only through extraction based processes.	Recycled PVC polymer through extraction based processing		

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Identification of Materials		Material Recovery Opportunities			
Material	Example Components	Recycling Notes	Higher Value	Lower Value	

Wood / Bio-based Materials						
Plywood	Inner construction on upholstered seats and backs; Seat Inserts; Chair Frame, Privacy Panel, Cube (Share); Seat & Back (Avo, Brooks, Luna)	low value option, the energy content can be reclaimed	Not Actively Recycled	Waste to Energy		
Hardwood	Chair legs (Nestle)	in a designated waste-to-energy facility equipped with proper pollution control technologies.	(Currently)			
Other						
Laminate	Shell (Allround); Table Top (Paz)	Reuse is currently the best options for this material. As a low value option, the energy content can be reclaimed in a designated waste-to-energy facility equipped with proper pollution control technologies.	Not Actively Recycled (Currently)	Waste to Energy		

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