

Argothane® ST-3655-87

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

Applications:

- Medical, bladders
- Hospital mattresses
- Headset ear cushions
- Vacuum forming
- Sealing

Characteristics:

- Enhanced UV stability
- Resists fungal attack & high humidity
- Available with various embossed surfaces
- Available with varying slip performances
- Available with various clarity levels
- NSF-61 potable water approved
- USP Class VI status approved

General Information			
Features	Fungus Resistant		
	Good UV Resistance		
Uses	Consumer Applications		
	Furniture		
	Hospital Goods		
	Medical Devices		
	Medical/Healthcare Applications		
	Sealing Devices		
	Seals		
Agency Ratings	NSF 61		
	USP Class VI		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	55.2	MPa	ASTM D638
Tensile Elongation (Break)	550	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D638
100% Strain	6.90	MPa	

300% Strain	14.5	MPa	
Tear Strength ¹	87.5	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Melting Temperature	165 to 190	°C	
NOTE			
1.	Die C		

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