

# Argothane® ST-4011FS-85

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

Applications:

Hosing

Aprons

Keyboard covers

Packaging

Characteristics:

Enhanced UV stability

Varying slips levels at differing clarity levels

Resists fungus attack

Performs well in high humidity

Good sealability

General Information			
Features	Fungus Resistant		
Uses	Computer Components		
	Consumer Applications		
	Hose		
	Packaging		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	44.9	MPa	ASTM D638
Tensile Set	25	%	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D638
100% Strain	5.52	MPa	
300% Strain	11.0	MPa	
Tear Strength <sup>1</sup>	70.0	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	-54.0 to 85.0	°C	ASTM D794
Melting Temperature	160 to 197	°C	
NOTE			
1.	Die C		

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