

Dragon-Skin® FZ Pro

Silicone

Smooth-On, Inc

Message:

Dragon Skin® FX-Pro is a soft, stable, high performance platinum silicone rubber specifically designed for creating silicone makeup appliances and skin effects. Dragon Skin® FX-Pro is compatible with Skin-Tite® silicone adhesive as well as medical grade pressure sensitive adhesives for adhering silicone appliances temporarily to the skin.

Soft and stretchy FX-Pro has a Shore hardness of 2A. FX-Pro can be combined with SLACKER® deadening agent to create a very soft silicone gel for filling encapsulated silicone pieces. An infinite number of color effects can be achieved by adding Silc-Pig® silicone pigments. Cured rubber can also be painted with the Psycho Paint® system.

What Makes Dragon Skin® FX-Pro Unique?

Soft - Shore 2A hardness allows for softer appliances using less SLACKER® deadening agent

Low Viscosity - combined with long working time reduces bubbles and makes pouring easier

Cures Dry - will not leach silicone fluid

Long Working Time - 10-12 minute working time is good for larger pours or injections

Fast Cure - 40 minute cure time allows for quick turnaround of castings or molds

More Workable - Do More - has a 'gel' stage - slushing the material into prosthetic molds is easier

Dragon Skin® FX Pro is mixed 1A:1B by weight or volume. Liquid rubber can be thinned with Silicone Thinner® or thickened with Thi-Vex® II. Rubber cures at room temperature (73°F / 23°C) with negligible shrinkage.

General Information	
Features	Good Stretchability Low Shrinkage Low Viscosity Paintable Soft
Uses	Medical/Healthcare Applications
Appearance	Translucent
Forms	Liquid
Processing Method	Casting Encapsulating

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D1475
Specific Volume	0.903	cm ³ /g	ASTM D1475
Mixing Ratio	1A:1B by volume or weight		
Molding Shrinkage - Flow	< 0.10	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	2		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.261	MPa	ASTM D412
Tensile Strength (Break)	1.99	MPa	ASTM D412
Tensile Elongation (Break)	760	%	ASTM D412
Tear Strength ¹	10.7	kN/m	ASTM D624

Thermoset	Nominal Value	Unit	Test Method
Pot Life (23°C)	12	min	ASTM D2471
Thermoset Mix Viscosity	18000	cP	ASTM D2393
Demold Time (23°C)	40	min	
NOTE			
1.	Die B		

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