

# ELBEX®



Custom & Standard  
Rubber Extrusions



300 Martine! Dr. | Kent, OH 44240 | Phone: (877) 302-0423 | Fax: (330) 673-3235 | www.e!bex-us.com

# TRANSLUCENT SILICONE SHEETING

(Compatible with DOW and GE Silicone Sealants)

## ELBEX COMPOUND: #E70-5410-1W

Tolerances: RMA-Class III – Commercial

Order Quantity: +/- 10%

◆ FOB: Kent, OH ◆ Freight: Collect ◆

LEAD TIME: Typically 2-3 Weeks

QUANTITY PRICING – Lineal Footage

ELBEX Standard Silicone Sheeting is .045” Thick  
And May Be In Stock...Ready For Next Day Shipping

P/N	DESCRIPTION
2063	4” Wide x .045” Thick
2227	6” Wide x .045” Thick
3075	8” Wide x .045” Thick
3138	12” Wide x .045” Thick

1”, 2”, 3”, and 15” x .045” Available Upon Request

*0.0625” Thick Sheeting Is Also Available Upon Request  
In 2”, 3”, 4”, 6”, 8”, and 12” Widths*

**\*Minimum Order Requirements Will Apply**

### Please Call for Pricing

\*In Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont  
Please Contact Pace Representatives at 781.541.5060

*\* Cut to Length Upon Request*

*\* Alternate Colors Available Upon Request*

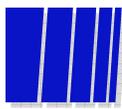
*\* Translucent: “Milky White” in Appearance*

TO PLACE AN ORDER OR CHECK AVAILABILITY – PLEASE CALL:

**ELBEX Corporation**

CUSTOMER SERVICE DEPARTMENT

Phone: (877) 302-0423 Fax: (330) 673-3235



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## PRODUCT DATA SHEET

**COMPOUND TYPE**            Silicone Rubber

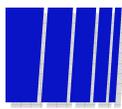
**COMPOUND NO.**            E70-5410-1

**COMPOUND COLOR**        Translucent

PHYSICAL PROPERTIES	ASTM TEST METHOD	TYPICAL VALUE
Durometer, Shore A	D2240-05	51
Tensile, psi	D412-06	909
Elongation, %	D412-06	278
Compression Set, %	D395-03 Method B (22 hrs @ 177°C, 25% def, ½ hr rec)	23.3
100% Modulus, psi	D412-06	261
200% Modulus, psi	D412-06	577
Tear Resistance, ppi	D624-001 Die B (20 in/min)	89.6
Heat Aging	D573-04 (70 hrs @ 225°C in forced air oven)	
Change in Hardness (Durometer)		+ 1
Change in Tensile, %		- 29.7
Change in Elongation, %		+ 2.8
Ozone Resistance	D1149 Method A (100 hrs @ 100 pphm @ 40°C, 20% elong, 7x mag)	No Cracks - Pass
Water Resistance	D471-06	+ 6.8
Volume Change, %	(70 hrs @ 100°C in distilled water)	
Low Temperature (Brittleness)	D2137-00 Method A 3 min @ -55°C in methanol	No Cracks - Pass
Water Vapor Transmission	E96 Procedure B – Water (21.4°C, 50% RH)	
WVT, g/h*m <sup>2</sup>		0.965
Permeance, g/Pa*s* m <sup>2</sup>		211 x 10 <sup>-9</sup>
Permeance, Perms		3.69

### SPECIFICATIONS:

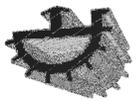
VALUES WERE OBTAINED FROM STANDARD TEST SLABS AND BUTTONS.



# ELBEX<sup>®</sup>



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## MATERIAL SAFETY DATA SHEET

Product: Cured Silicone Products

Product No.: E70-5410-1

### SECTION 1 MANUFACTURERS IDENTIFICATION

DATE: 3/6/02

MANUFACTURER: ELBEX Corporation

ADDRESS: 300 Martinel Drive, Kent, Ohio 44240

PHONE: 1 (330) 673 – 3233

### SECTION 2 HAZARDOUS INGREDIENTS

MATERIAL: Cured Silicone Rubber

None

### SECTION 3 PHYSICAL DATA

BOILING POINT: n/a

VAPOR PRESSURE: n/a

WATER SOLUBILITY: Not soluble

APPEARANCE: Transparent white

### SECTION 4 FIRE & EXPLOSION

FLASH POINT: n/a

STABILITY: Very stable

EXTINGUISHING MEDIA: All standard extinguishing media

### SECTION 5 REACTIVITY DATA

STABILITY: Very Stable

HAZARDOUS DECOMPOSITION PRODUCTS: None known

### SECTION 6 HEALTH HAZARDS

COMMERCIAL SILICONE RUBBER SHEETING

NO KNOWN HEALTH HAZARDS

NO SPECIAL EQUIPMENT OR HANDLING IS REQUIRED