

## Dokument - Forvaltning Drift og Vedlikehold

### Bøyer med beskyttelse for innfesting armatur i betongkonsoll

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#### PRODUKT

Produkt	Konsollbøyer
Anvendelse	Bøyer for innfesting flense- og ventilarmatur i vannkummer med betongkonsoll
Bestanddel	Bøyle i stål 5 mm pålimt beskyttelsesbelegg i gummi mellom bøyle og armatur 2 mm neopren gummimatte mellom betong og armatur
Tekniske data	Stålkvalitet minimum St.37 Bøylene er varmgalvanisert Gummi beskyttelsesbelegg limt på bøyle; se vedlegg 1 og 2 Neopren gummimatte; se vedlegg 3

#### HÅNTERING

Lagring	Ingen spesielle krav til lagring
Løfting	Ingen spesielle krav til løfting
Temperatur	Gummi/neopren må ikke utsettes for åpen flamme, øvrige temperaturområder i henhold til respektive datablad

#### VEDLIKEHOLD

Vedlikehold	Det kreves ingen vedlikehold.
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#### MILJØ

Miljøpåvirkning	Tiltenkt bruk påvirker ikke miljøet.
Vernetiltak	Ingen spesielle vernetiltak
Destruksjon og gjenbruk	Bøyer i stål til metallgjenvinning Gummi + Neopren til energigjenvinning (restavfall).

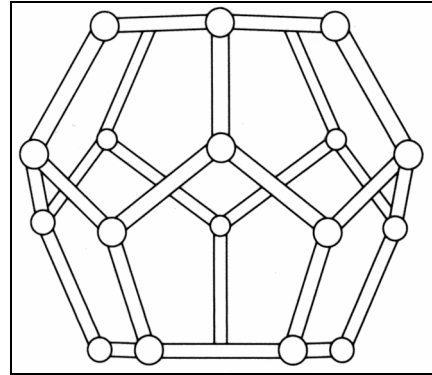
#### ANNET

Eventuelt	Vedlegg 1; Datablad 5 mm gummilist Vedlegg 2; Datablad dobbeltsidig teip for gummilist Vedlegg 3; Datablad 2 mm neoprenmatte
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# Evazote® EV50

## Ethylene Vinyl Acetate Copolymer Foam

### Property Data Sheet



Evazote® is a closed cell, cross-linked EVA copolymer foam manufactured using Zotefoams unique production process. This data sheet characterises Evazote foam EV50 which is available in sheet form and is fabricated by modern techniques and can be thermoformed into shapes.

Property	Test Procedure	Units	EV50
<b>Nominal Density - Skin/Skin</b>	BS ISO 7214 1998	kg/m <sup>3</sup>	50
<b>Cell Size – Typical Diameter</b>	Internal	mm	0.35
<b>Compression Stress-Strain</b>	BS ISO 7214 1998		
10% compression		kPa	30
25% compression		kPa	51
40% compression		kPa	82
50% compression		kPa	115
<b>Compression Set</b>	BS ISO 7214 1998		
25% comp., 22hr, 23°C	25 mm cell-cell		
½ hr recovery		% set	10.5
24hr recovery		% set	3
50% comp., 22hr, 23°C			
½ hr recovery		% set	23.5
24hr recovery		% set	13
<b>Tensile Strength</b>	ISO 7214 1998	kPa	840
<b>Tensile Elongation</b>		%	245
<b>Tear Strength</b>	BS EN ISO 8067 1995	N/m	1055
<b>Shore Hardness OO Scale</b>	ISO 868 1985		47
10mm cell/cell thickness		OO	
<b>Recommended operating temperature range*</b>	Internal	°C	+65 max -70 min
<b>Thermal Conductivity</b>	ISO 8302 1991	W /m.K	0.0404
mean temp of 10°C			
<b>Flammability</b>			
<b>Automotive</b>	FMVSS.302 – Burn rate	<100mm/min.	Pass: 4 mm and thicker
<b>Horizontal Burn Rate</b>	ISO 7214 1998		
5mm thick		mm/sec	1.0
13mm thick		mm/sec	0.8



#### **\* RECOMMENDED OPERATING TEMPERATURE RANGE**

The maximum operating temperature shown is defined as the temperature which will typically cause a linear shrinkage of 5% after a 24hr exposure period, using sample dimensions of 100mm x 100mm x 25mm. This figure is provided for general guidance only. The actual level of shrinkage the foam will undergo at any particular temperature is dependant on a number of system variables such as, sample dimensions, cell size, loading conditions and exposure period. Please refer to Technical Bulletin T2 for more detailed information.

#### **HEALTH & SAFETY**

A separate data sheet (T5) entitled "Health and Safety Information" should be consulted.

#### **PRODUCT SPECIFICATION**

This Property Data Sheet provides typical properties on representative samples of material. For a product specification please refer to data sheet T7.

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## S4212LBG - Double Sided Tissue Tape

<b>Description</b>	This double sided tape consists of a tissue carrier and a modified acrylic dispersion adhesive, with a higher adhesion level on the open side.
<b>Product properties</b>	It has high tack combined with good adhesion and cohesion, also on low surface energy materials like foams and PE- and PP films. Good resistance to ageing, humidity and temperature.
<b>Applications</b>	It is used for bonding of many materials, also difficult materials like foams, PE- and PP films.
<b>Storage and ageing</b>	1 year shelf life whilst stored in original packaging and ambient room temperature. Keep out of direct sunlight.
<b>Applying tips</b>	All substrates should be clean and contamination free, a solvent such as Isopropyl-Alcohol is recommended for cleaning purposes, and the tape should be applied with pressure.

### TECHNICAL DATA

<b>Carrier</b>	Tissue	
<b>Adhesive</b>	Acrylic modified	
<b>Liner</b>	Paper silicone coated yellow	
<b>Ageing resistant</b>	Yes	
<b>Thickness Total</b>	0,12 mm	4,72 Mils
<b>Adhesion on stainless steel</b>	24 N/25mm	5,48 Lbs/inch
<b>Adhesion on stainless steel, closed side</b>	19 N/25mm	4,34 Lbs/inch
<b>Service temperature</b>	Between -40 and 95 °C	Between -40 and 203 °F

Disclaimer: Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available "as is" and that Stokvis Tapes, an ITW company, gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.

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# Neoprene Rubber (CR) Grade 1642

<b>Colour</b>	<b>Black</b>
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Basic Properties	Units	Standard	Values
Specific Gravity	g/cm <sup>3</sup>		1.45
Indentation Hardness	Shore A	ASTM D2240	60
International Hardness	IRHD	ASTM D1415	
Tensile Strength	MPa	ASTM D412	4
Elongation at Break	%	ASTM D412	300
Tear	N/mm	ASTM D624 Die C	
Abrasion Resistance	mm <sup>3</sup>	DIN 53516 (10 N)	
Abrasion Resistance	mm <sup>3</sup>	DIN 53516 (5 N)	300
Working Temperatures	°C		-25 / 90

Heat Ageing in an Air Vent. Oven	Cond. Temp.	Values
Standard ASTM D573	70°C 72 h	Hard. Inc. ShA 5 Tensile Inc. % 10 Elong. Inc % -15

Compression Set	Cond. Temp.	Values
Standard ASTM D395 Method B	70°C 22 h	% Max 30

Liquid Resistance: ASTM D471	Cond. Temp.	Values
ASTM n° 5 Oil	°C h	Volume Inc. %
IRM 903 Oil		Volume Inc. %

Ozone Resistance	Cond. Temp.	Values
Standard ASTM D1149	°C h phr Ozone	Strain %

Chemical Resistance	Values
Ozone	Moderate
Diluted Acids and Oils	Moderate
Concentrated Acids and Oils	Not Recommended
Hydrocarbons	Not Recommended
Organic Solvents	Not Recommended



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