

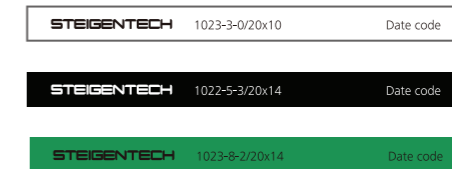
## Section 5 - Rubber Sheeting & Matting - Industrial Rubber Sheet Rolls

ISO9001:2008,ISO14001:2004,OHSMS18001:1999

### Product Codification:

Model	Thickness	Color	Length	x	Width
EPDM: 1022	1: 1 mm	0: Transparent	1: 1 m		10: 1000 mm
Silicone: 1023	2: 2 mm	1: Red	2: 2 m		12: 1200 mm
FKM Viton®: 1024	3: 3 mm	2: Green	10: 10 m		14: 1400 mm
CR: 1025	---	3: Black	20: 20 m		16: 1600 mm
NBR: 1026	50: 50 mm	4: Yellow			22: 2200 mm
NR Pure Gum: 1112					
SBR: 1113					

### Product Marking:



### EPDM (Ethylene Rubber)

#### Structure details:

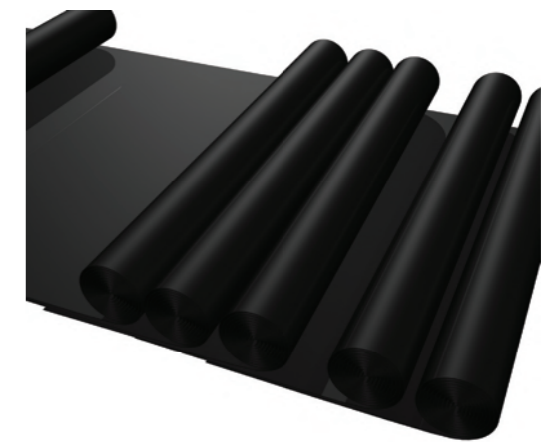
Long length  
 Excellent resistance to water, steam, ozone ageing, ultra violet and chemicals  
 Temperature from -40°C to +120°C  
 Moderate adhesion to metal, great electrical properties

#### Application:

Matting for protection  
 Rings and gaskets  
 General use

#### Properties:

Easy to handle rolls  
 Surface protection  
 Excellent inherent high and low temperature ranges  
 Easy to clean  
 Meets RoHS and REACH requirements



#### Dimensions & Tolerances:

Thickness	Length	Width	Tolerance
1 mm to 6 m	Rolls of 20 m	Standard:	Thickness (mm): +/- 10% Width (mm): +/- 2 % Length (m): +/- 5%
8 mm to 20 mm	Rolls of 10 m	1000 mm - 1400 mm - 1600 mm	
20 mm to 50 mm	Rolls of 1 m	Special:	
20 mm to 50 mm	Rolls of 2 m	1600 mm - 2200 mm	

#### Product Specifications:

Reference	Colours	Gravity (g/cm <sup>2</sup> )	Hardness (Sh. A)	Tens. Stren. (M Pa)	Elong. (%)	Tear Stren. (N/mm)	Cond.	Thermal Ageing			Chemical Resistance				
								Inc. In Hard. (Sh. A)	Inc. In Tens. (%)	Inc. In Elong. (%)	Ozone	Acid & Bases	Hydroc.	Solvents	Working Temp (°C)
1022	Black	1.5	45~80	3	250	≥15	70C - 72h	7	-5	-30	yes	yes	yes	Moderate	-40°C to +120°C
1022	Black	1.4	45~80	4	300	≥15	70C - 72h	7	-5	-30	yes	yes	yes	Moderate	-40°C to +120°C
1022	Black	1.4	45~80	5	350	≥15	70C - 72h	7	-5	-30	yes	yes	yes	Moderate	-40°C to +120°C
1022	Black	...	45~80	...	...	≥15	70C - 72h	7	-5	-30	yes	yes	yes	Moderate	-40°C to +120°C
1022	Black	1.3	45~80	10	500	≥15	70C - 72h	7	-5	-30	yes	yes	yes	Moderate	-40°C to +120°C
1022	Black	1.2	45~80	15	600	≥15	70C - 72h	7	-5	-30	yes	yes	yes	Moderate	-40°C to +120°C
1022	Black	others	others	others	others	≥15	70C - 72h	7	-5	-30	yes	yes	yes	Moderate	-40°C to +120°C

## Section 5 - Rubber Sheeting & Matting - Industrial Rubber Sheet Rolls

### Silicone Rubber

#### Structure details:

Great temperature range -70°C to +200°C  
 Extreme resistance to sunlight, ozone and many gases  
 Electrical insulator  
 Inert material suitable for medical applications

#### Application:

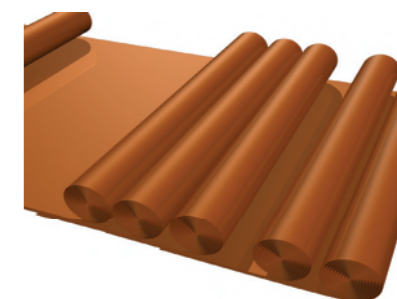
Rings and gaskets  
 General use

#### Properties:

Easy to handle rolls  
 Excellent resistance to extreme temperatures  
 Electrical insulation properties and water repellency  
 Easy to clean  
 Meets RoHS and REACH requirements

#### Dimensions & Tolerances:

Thickness	Length	Width Standard:	Tolerance
1 mm to 10 mm	Rolls of 20 m	1000 mm - 1400 mm	Thickness (mm): +/- 10% Width (mm): +/- 2 % Length (m): +/- 5%



#### Product Specifications:

Reference	Colours	Gravity (g/cm <sup>2</sup> )	Hardness (Sh. A)	Tens. Stren. (M Pa)	Elong. (%)	Tear Stren. (N/mm)	Cond.	Thermal Ageing			Chemical Resistance				Working Temp (°C)
								Inc. In Hard. (Sh. A)	Tens. (%)	Inc. In Elong. (%)	Ozone	Acid & Bases	Hydroc.	Solvents	
1023	Transparent	1.25	~50±5	6	400	17	70C - 72h	5	-15	-5	Yes	Moderate	Moderate	Moderate	-70°C to +200°C
1023	Red	1.25	~50±5	6	400	17	70C - 72h	5	-15	-5	Yes	Moderate	Moderate	Moderate	-70°C to +200°C
1023	Green	1.25	~50±5	6	400	17	70C - 72h	5	-15	-5	Yes	Moderate	Moderate	Moderate	-70°C to +200°C
1023	Black	1.25	~50±5	6	400	17	70C - 72h	5	-15	-5	Yes	Moderate	Moderate	Moderate	-70°C to +200°C
1023	Yellow	1.25	~50±5	6	400	17	70C - 72h	5	-15	-5	Yes	Moderate	Moderate	Moderate	-70°C to +200°C
1023	others	1.25	~50±5	6	400	17	70C - 72h	5	-15	-5	Yes	Moderate	Moderate	Moderate	-70°C to +200°C

### FKM VITON™ (Fluorelastomer Rubber)

#### Structure details:

Acid & alkali resistance  
 Great Chemical resistance  
 Good heat ageing resistance  
 Extreme temperature range -40°C to +250°C

#### Application:

Matting for protection  
 Rings and gaskets  
 General use

#### Properties:

Retain strength and withstand embrittlement during long-term heat exposure.  
 Easy to clean  
 Easy to handle rolls  
 Meets RoHS and REACH requirements

#### Dimensions & Tolerances:

Thickness	Length	Width Standard:	Tolerance
1 mm to 6 mm	Rolls of 20 m	1000 mm - 1200 mm	Thickness (mm): +/- 10% Width (mm): +/- 2 % Length (m): +/- 5%
8 mm to 20 mm	Rolls of 10 m		
20 mm to 50 mm	Rolls of 1 m		
20 mm to 50 mm	Rolls of 2 m		



#### Product Specifications:

Reference	Colours	Gravity (g/cm <sup>2</sup> )	Hardness (Sh. A)	Tens. Stren. (M Pa)	Elong. (%)	Cond.	Thermal Ageing			Ozone	Chemical Resistance			Working Temp (°C)
							Inc. In Hard. (Sh. A)	Inc. In Tens. (%)	Inc. In Elong. (%)		Acid & Bases	Hydroc.	Solvents	
1024	Black	2	~75±5	9	350	70C - 72h	5	-5	5	good	good	good	good	-40°C to +200°C

## Section 5 - Rubber Sheetting & Matting - Industrial Rubber Sheet Rolls

### CR (Chloroprene Rubber, Neoprene™)

#### Structure details:

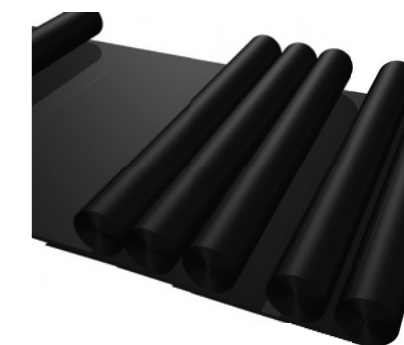
Long length; Good adhesion to metal  
 Good strength and abrasion properties  
 Resist weathering and oxidative ageing  
 Good resistance to temperature and ozone  
 Temperature from -20°C to +120°C

#### Application:

Matting for protection  
 Rings and gaskets  
 General use

#### Properties:

Easy to handle rolls  
 Surface protection  
 Excellent inherent high and low temperature ranges  
 Easy to clean  
 Meets RoHS and REACH requirements



#### Dimensions & Tolerances:

Thickness	Length	Width Standard:	Tolerance
1 mm to 6 mm	Rolls of 20 m	1000 mm - 1400 mm - 1600 mm	Thickness (mm) : +/- 10% Width (mm): +/- 2 % Length (m): +/- 5%
8 mm to 20 mm	Rolls of 10 m	Special:	
20 mm to 50 mm	Rolls of 1 m	1600 mm - 2200 mm	
20 mm to 50 mm	Rolls of 2 m		

#### Product Specifications:

Reference	Colours	Gravity (g/cm <sup>2</sup> )	Hardness (Sh. A)	Tens. Stren. (M Pa)	Elong. (%)	Tear Stren. (N/mm)	Cond.	Thermal Ageing			Ozone	Chemical Resistance			
								Inc. In Hard. (Sh. A)	Inc. In Tens. (%)	Inc. In Elong. (%)		Acid & Bases	Hydroc.	Solvents	Working Temp (°C)
1025	Black	1.5	45~80	3	250	≥15	70C - 72h	5	-10	-40	Moderate	No	No	No	-20°C to +80°C
1025	Black	1.4	45~80	4	300	≥15	70C - 72h	5	-10	-40	Moderate	No	No	No	-20°C to +80°C
1025	Black	1.4	45~80	5	350	≥15	70C - 72h	5	-10	-40	Moderate	No	No	No	-20°C to +80°C
1025	Black	...	45~80	...	...	≥15	70C - 72h	5	-10	-40	Moderate	No	No	No	-20°C to +80°C
1025	Black	1.3	45~80	10	500	≥15	70C - 72h	5	-10	-40	Moderate	No	No	No	-20°C to +80°C
1025	Black	1.2	45~80	15	600	≥15	70C - 72h	5	-10	-40	Moderate	No	No	No	-20°C to +80°C
1025	Black	others	others	others	others	≥15	70C - 72h	5	-10	-40	Moderate	No	No	No	-20°C to +80°C

### NBR (Nitrile Rubber)

#### Structure details:

Resistance to oil  
 Good mechanical properties at traction, compression and flexion  
 Moderate Ageing properties  
 Temperature from -25°C to +110°C  
 Low resistance to low temperature

#### Application:

Anti-oil seals, rings and gaskets  
 General use

#### Properties:

Easy to handle rolls  
 Surface protection  
 Excellent inherent high and low temperature ranges  
 Easy to clean  
 Meets RoHS and REACH requirements



#### Dimensions & Tolerances:

Thickness	Length	Width Standard:	Tolerance
1 mm to 6 mm	Rolls of 20 m	1000 mm - 1400 mm - 1600 mm	Thickness (mm): +/- 10% Width (mm): +/- 2 % Length (m): +/- 5%
8 mm to 20 mm	Rolls of 10 m	Special:	
20 mm to 50 mm	Rolls of 1 m	1600 mm - 2200 mm	
20 mm to 50 mm	Rolls of 2 m		

#### Product Specifications:

Reference	Colours	Gravity (g/cm <sup>2</sup> )	Hardness (Sh. A)	Tens. Stren. (M Pa)	Elong. (%)	Tear Stren. (N/mm)	Cond.	Thermal Ageing			Ozone	Chemical Resistance			
								Inc. In Hard. (Sh. A)	Inc. In Tens. (%)	Inc. In Elong. (%)		Acid & Bases	Hydroc.	Solvents	Working Temp (°C)
1026	Black	1.5	45~80	3	250	≥15	70C - 72h	5	-5	15	Moderate	Yes	Yes	Moderate	-20°C to +80°C
1026	Black	1.4	45~80	4	300	≥15	70C - 72h	5	-5	15	Moderate	Yes	Yes	Moderate	-20°C to +80°C
1026	Black	1.4	45~80	5	350	≥15	70C - 72h	5	-5	15	Moderate	Yes	Yes	Moderate	-20°C to +80°C
1026	Black	...	45~80	...	...	≥15	70C - 72h	5	-5	15	Moderate	Yes	Yes	Moderate	-20°C to +80°C
1026	Black	1.3	45~80	10	500	≥15	70C - 72h	5	-5	15	Moderate	Yes	Yes	Moderate	-20°C to +80°C
1026	Black	1.2	45~80	15	600	≥15	70C - 72h	5	-5	15	Moderate	Yes	Yes	Moderate	-20°C to +80°C
1026	Black	others	others	others	others	≥15	70C - 72h	5	-5	15	Moderate	Yes	Yes	Moderate	-20°C to +80°C

## Section 5 - Rubber Sheeting & Matting - Industrial Rubber Sheet Rolls

### NR Pure Gum (Natural Rubber)

#### Structure details:

Low compression set and high resilience  
 Excellent dynamic and rebound properties  
 Sensitive to ozone and weather aggression  
 Good temperature range -50°C to +90°C  
 Great electrical properties

#### Application:

Industrial work station  
 Gaskets  
 General use

#### Properties:

Highly abrasion resistant and tensile strength  
 Meets RoHS and REACH requirements

#### Dimensions & Tolerances:

Thickness	Length	Width Standard:	Tolerance
1 mm to 10 mm	Rolls of 20 m	1000 mm - 1200 mm	Thickness (mm): +/- 10% Width (mm): +/- 2 % Length (m): +/- 5%



#### Product Specifications:

Reference	Colours	Gravity (g/cm <sup>2</sup> )	Hardness (Sh. A)	Tear Stren. (N/mm)	Elong. (%)	Tear Stren. (N/mm)	Cond.	Thermal Ageing			Chemical Resistance				
								Inc. In Hard. (Sh. A)	Inc. In Tens. (%)	Inc. In Elong. (%)	Ozone	Acid & Bases	Hydroc.	Solvents	Working Temp (°C)
1112	Black	1.05	45~80	18	700	≥15	70C - 72h	5	-15	-25	Moderate	Moderate	No	No	-40°C to +80°C
1112	Black	1.26	45~80	15	650	≥15	70C - 72h	5	-15	-25	Moderate	Moderate	No	No	-40°C to +80°C

### SBR (Styrene-Butadiene Rubber)

#### Structure details:

Anti-ageing and temperature resistance  
 Good tensile strength  
 Low compression set and high tear properties  
 Temperature from -45°C to +110°C  
 Moderate resistance to ozone

#### Application:

Anti-oil seals, rings and gaskets  
 General use

#### Properties:

Easy to handle rolls  
 Surface protection  
 Excellent inherent high and low temperature ranges  
 Easy to clean  
 Meets RoHS and REACH requirements

#### Dimensions & Tolerances:

Thickness	Length	Width Standard:	Tolerance
1 mm to 6 mm	Rolls of 20 m	1000 mm - 1400 mm - 1600 mm	Thickness (mm): +/- 10% Width (mm): +/- 2 % Length (m): +/- 5%
8 mm to 20 mm	Rolls of 10 m	Special:	
20 mm to 50 mm	Rolls of 1 m	1600 mm - 2200 mm	
20 mm to 50 mm	Rolls of 2 m		



#### Product Specifications:

Reference	Colours	Gravity (g/cm <sup>2</sup> )	Hardness (Sh. A)	Tens. Stren. (M Pa)	Elong. (%)	Tear Stren. (N/mm)	Cond.	Thermal Ageing			Chemical Resistance				
								Inc. In Hard. (Sh. A)	Inc. In Tens. (%)	Inc. In Elong. (%)	Ozone	Acid & Bases	Hydroc.	Solvents	Working Temp (°C)
1113	Black	1.5	45~80	3	250	≥15	70C - 72h	8	-5	-15	Moderate	Moderate	No	No	-20°C to +80°C
1113	Black	1.4	45~80	4	300	≥15	70C - 72h	8	-5	-15	Moderate	Moderate	No	No	-20°C to +80°C
1113	Black	1.4	45~80	5	350	≥15	70C - 72h	8	-5	-15	Moderate	Moderate	No	No	-20°C to +80°C
1113	Black	...	45~80	...	...	≥15	70C - 72h	8	-5	-15	Moderate	Moderate	No	No	-20°C to +80°C
1113	Black	1.3	45~80	10	500	≥15	70C - 72h	8	-5	-15	Moderate	Moderate	No	No	-20°C to +80°C
1113	Black	1.2	45~80	15	600	≥15	70C - 72h	8	-5	-15	Moderate	Moderate	No	No	-20°C to +80°C
1113	Black	others	others	others	others	≥15	70C - 72h	8	-5	-15	Moderate	Moderate	No	No	-20°C to +80°C