

DATASHEET



DURASTRIPE COLD STORAGE



Description

DuraStripe Deep Freeze combines a durable, impact resistant striping surface with an aggressive, low temperature adhesive to deliver a safety striping material that conquers even the harshest freezer environments. Its low friction surface is engineered to resist damage caused by skidding and pivoting forklift wheels, two common causes of aisle marking destruction. Beveled edges assist dragged or pushed pallets in sliding over the stripe to resist chipping, slicing and tearing, even in cold environments.

DuraStripe Deep Freeze is the most rugged peel-&-stick striping material for harsh low temperature and freezer environments!

Available Options

Length	Width	Colours
30 meters	5 cm 10 cm	Red = R Orange = O Yellow = Y Light Blue = LB Green = G Dark Blue = DB Black = BK White = W Black/Yellow = B/Y Black/White = B/W Red/White = R/W Green/White* = G/W

DURASTRIPE DEEP FREEZE TECHNICAL DATA

Tensile Stress at Break	26 MPa (3700 psi)
Tensile Stress at Yield	48 MPa (6900 psi)
Elongation at Break	58%
Elongation at Yield	4.3%
Tensile Modulus	1950 MPa (2.8 x 10 ⁵ psi)
Flexural Strength	65 MPa (9300 psi)
Flexural Modulus	1880 MPa (2.7 x 10 ⁵ psi)
Rockwell Hardness, R Scale	108
Izod Impact Strength, Notched	
23°C (73°F)	126 J/m (2.4 ft lbf/in.)
-40°C (-40°F)	57 J/m (1.0 ft lbf/in.)

ADHESIVE TECHNICAL DATA

Thickness	0.13 + 0.02
Adhesion to Steel*	40
Shear Adhesion**	30
Temperature Resistance	-40 to +100
Stripe and Adhesive Thickness	.5 + .05 mm

FLOOR CONDITIONS

	X-Treme	Supreme V	Mean Lean	Cold Storage
New Floors	Best	Best	Best	Best
Sealed/Epoxied	Best	Best	Best	Best
Unsealed Floor	OK	Best	Good	OK
Chipped/Gouged	N/R	Good	N/R	N/R
Uneven	N/R	Better	OK	N/R
Oily	OK	Best	OK	Best
Wet	OK	Good	OK	Best
Non-Skid/Textured	Possible with Testing	Possible with Testing	Possible with Testing	N/R

WORKING ENVIRONMENTS

	X-Treme	Supreme V	Mean Lean	Cold Storage
Heavy Fork Traffic	Best	Good	Better	Good
Skidding/Pivoting	Best	OK	Better	Better
Dragged/Pushed Pallets	Better	Good	Best	Good
Freezer	N/R	N/R	N/R	Best