



CROWN GENERAL

QUALITY FOAM SINCE 1965

PVC-foam D.320/350 ST

PRODUCT DESCRIPTION

Our very high density foam can be used for various applications (anti-fatigue mats, vibration damping, mounting tape, ...) as a cost-effective and high quality foam solution. This very high density foam is available in different thicknesses, colours and with special options.




Characteristics

- Density of 320-350 kg/m³
- Closed cell structure
- Easy conversion
- Thicknesses from 1 mm up to 12 mm
- Self-extinguishing
- Temperature resistance: -30° C to +60° C
- CFC, cadmium and lead free
- Very good ageing properties
- Excellent resistance to various chemicals, weather and UV influences
- Passes FMVSS 302
- Water seal at 5% compression

Main applications

- Structural spacer tape
- Mounting tape for window frame constructions
- Vibration damping
- Anti-fatigue mats
- Backing for synthetic grass

Options

-  High temperature resistant foam (CC)
-  Non burning foam (NB)
-  Non-phthalate (NP)

Markets using this foam



Automotive



Construction



General industry



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PRODUCT SPECIFICATION

PARAMETERS	UNIT	VALUE	NORM
Density	kg/m ³	320-350	ASTM 1667
Tensile Strength	Kpa	≥ 1000	DIN 53571
Elongation at Break	%	≥ 160	DIN 53571
Tear Strength	N/mm	≥ 4	DIN 53515
Compression Set (50%/23°C/72h)	%	≤ 25	DIN 53572
Compression Deflection	Kpa	0 s. 80-310 60 s. 40-160	ASTM 1667
Shore oo Hardness		65-80	
Water absorption	%	≤ 40	
Compression Water seal		≥ 5 %	U-TEST
Flammability	mm/min	≤ 100	FMVSS 302
Temperature Range	°C	-30 / +60	
Tolerance: At G > 500 g/m ² : +/-10 % At G ≤ 500 g/m ² : +/-20 % G = weight	-	-	-

Thermoplastic product. Store in a dry place away from the sun. On request, also available with NON PHTHALATE PLASTICIZER (possible traces). In compliance with REACH regulation. Available Product Safety Information on request.

Products with different technical characteristics can be developed and manufactured at request. The above data are only for information and do not involve any guarantee. As our products are used for many purposes, we recommend our customers to do their own tests to determine the suitability of our products for their purposes and applications.