



CROWN GENERAL

QUALITY FOAM SINCE 1965

PVC-foam D.100/125 QR

PRODUCT DESCRIPTION

Our softest quick recovery foam has an open cell structure and can be used for various applications. This foam recovers instantly after compression and is mainly used as air and dust seal. This low density foam is available in different thicknesses, colours and with special options.



Characteristics

- Density of 100-125 kg/m³
- Open cell structure
- Recovers quickly after compression
- Thicknesses from 1,5 mm up to 30 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 (thickness ≥ 6 mm)

Main applications

- Air and dust seal
- Draught seal for windows and doors
- Anti-vibration
- Noise damping

Options

-  High Frequency Weldable (HF)
-  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	100-125	ASTM 1667
Tensile Strength	Kpa	≥ 150	DIN 53571
Elongation at Break	%	≥ 120	DIN 53571
Tear Strength	N/mm	≥ 0,70	DIN 53515
Compression Set (50%/23°C/72h)	%	≤ 20	DIN 53572
Compression Deflection	Kpa	0 s. 2-12 60 s. 2-7	ASTM 1667
Shore oo Hardness		7-30	
Water absorption	%	/	
Compression Waterseal		≥ 90 %	U-TEST
Flammability	mm/min	≤ 100 (≥ 6 mm)	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.