

SILENCING SYSTEM FOR AIR INTAKES



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1. DATA AND DOCUMENTATION

Code	Description	Colour	Dimensions (mm)	Weight	Pkg. / Pallet
PRO22-0909	Silencing System	Grey	Ø 125	-	-
PRO22-0910	Silencing System	Grey	Ø 160	-	-
PRO22-0911	Silencing System	Grey	Ø 200	-	-

MATERIAL

Made of PU-HD foam, durable and washable.

2. USE

Can be positioned in either direction, provides a sound reduction of 13-16db. Thermally improves the external/internal heat differential.

3. FEATURES

Net Density (kg/m3)	57/60 ± 5%
Acoustic improvement on existing wall	Ø 160: 13 dB / Ø 200: 16 dB
Thermal conductivity coefficient	0.029 W/mk
Operating temperature	-20 +100 °C
Compressive strength 40%	19.0 kPa ± 15%
Elastic yield	34% ± 10%
Breaking load	250 Kpa

4. SPECIFICATION ITEMS

Entry	Description	Unit	Price
Dak.D.PRO22.090*	Silencing System for Area Sockets available in 125 mm, 160 mm and 200 mm diameters. The 160 and 200 mm versions are standardised as they guarantee 100 cm2 air passage. Made of PU-HD foam, durable and washable. Can be positioned in either direction, provides a sound reduction of 13-16db. Thermally improves the external/internal temperature differential.	pc.	

SILENCING SYSTEM FOR AIR INTAKES

REFERENCE STANDARD

FEATURES	REFERENCE STANDARDS	VALUE	TOLERANCE
Net density	UNI EN ISO 845 - dIN 53420	57/60 Kgm3	± 5%
Compressive strength 40%	UNI EN ISO 3386 - BS 4443 P1 met.7 - DIN 53577	19.0 kPa	± 15%
Indentation	UNI EN ISO 2439 met.B - DIN 53576/B	590 N	± 15%
Indentation	UNI EN ISO 2439 met.B - DIN 53576/B	740 N	± 15%
Indentation	UNI EN ISO 2439 met.B - DIN 53576/B	1580 N	± 15%
Elasticity	UNI eN ISO 8347 - aSTM d-3574	34%	± 10%
Breaking load	UNI eN ISO 1798 - dIN 53571	250 Kpa	Min.
Elongation at break	UNI eN ISO 1798 - dIN 53571	100%	Min.
Dynamic fatigue	UNI 6356 pt.2	40%	Max
Permanent deformation 50%	UNI EN ISO 1856 - DIN 53572 - BS 4443 p1 met - 6A	2,10%	Max
Permanent deformation 50%	UNI EN ISO 1856 - DIN 53572 - BS 4443 p1 met - 6A	3,00%	Max
Fire behaviour according to standards	MVSS Motor Vehicle Safety STD 302		

N.B.: Ø 125 DOES NOT COMPLY WITH REGULATIONS

4. SPECIFICATION ITEMS

Item	Description	Unit	Price
Dak.D.PRO22.0909	Supply and installation of Silencing System for Sockets with a diameter of. 125 mm, made of durable and washable HD PU foam. Can be positioned in either direction, provides a sound reduction of 13-16db. Thermally improves the external/internal temperature differential.	pcs.	-
Dak.D.PRO22.0910	Supply and installation of Silencing System for Sockets with a diameter of. 160 mm, made of PU-HD foam, resistant and washable. Can be positioned in either direction, provides a sound reduction of 13db. Thermally improves the external/internal heat differential. Product complies with current regulations (guarantees >100 cm2 air passage).	pcs.	-
Dak.D.PRO22.0911	Supply and installation of Silencing System for Sockets with a diameter of. 200 mm, made of PU-HD foam, resistant and washable. Can be positioned in either direction, provides a sound reduction of 16db. Thermally improves the external/internal heat differential. Product complies with current regulations (guarantees >100 cm2 air passage).	pcs.	-