

Product:	Respirator Special	
REF:	242D 242DAV	
Manufacturer:	DACH Schutzbekleidung GmbH & Co. KG	

Classification:	CAT III according to the Personal Protective Equipment (PPE) Regulation (EU) 2016/425.
Protection class:	The respirators of the Special series are tested according to EN 149:2001+A1:2009. They additionally meet the voluntary dolomite dust retention test.
Materials:	<ul style="list-style-type: none"> ▪ Outside: Polyester nonwoven ▪ Interior: Polypropylene nonwoven ▪ Prefilter (242DAV): Activated carbon with polypropylene substrates ▪ Filter medium: Polypropylene microfiber ▪ Nose pad: Polyethylene foam ▪ Rubber band: textile elastic, free from natural latex ▪ Clip: Polyethylene ▪ Valve body: Polypropylene
Product Description:	<p>Preshaped nose area with comfortable sealing lip replaces the conventional nose clip. The respirators of the "Special" series are therefore metal-free and can be worn in environments with potentially explosive atmospheres or in magnetic fields. They offer reliable protection against dusts, aerosols and non-volatile, fluid particles.</p> <p>The patented clip design allows easy and quick adjusting of the headband: Simply pull the two ends of the headband for tightening and to release, press the clip together and pull the strap back.</p> <p>Equipped with high-performing materials, the Special respirator series ensures highest filter performance with low breathing resistance. It offers maximum comfort even after prolonged wearing.</p> <p>REF 242DAV includes an additional activated carbon filter that neutralizes odors for maximal comfort.</p>
Dermatological compatibility:	All materials used are free of irritants.
Flammability:	Flammability meets the requirements of EN 149:2001+A1:2009. All materials used do not pose any danger to the wearer and are not easily flammable.

Product services:	<i>Product performance according to EN 149:2001+A1:2009</i>
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Filter efficiency							
REF	Class	Requirement			Test result		
		Maximum filter penetration			Actual filter penetration		
		NaCl 95 l/min	Paraffin oil 95 l/min		NaCl 95 l/min	Paraffin oil 95 l/min	
242D	FFP2 NR D	6 %	6 %		0,17 %	0,8 %	
242DAV	FFP2 NR D	6 %	6 %		0,18 %	0,61 %	
Breathing resistance							
REF	Class	Requirement			Test result		
		Maximum breathing resistance (mbar)			Actual breathing resistance (mbar)		
		Inhalation		Exhalation	Inhalation		Exhalation
		30 l/min	95 l/min	160 l/min	30 l/min	95 l/min	160 l/min
242D	FFP2 NR D	0,7	2,4	3,0	0,36	1,13	1,83
242DAV	FFP2 NR D	0,7	2,4	3,0	0,49	1,6	1,7

Packaging and variants:	Packaging	Quantity
	Box	20 pcs.
	Shipping carton	240 pcs.
GTIN:	242D	4049825002673
Packaging and variants:	Packaging	Quantity
	Box	10 pcs.
	Shipping carton	120 pcs.
GTIN:	242DAV	4049825001515

Use:	The special series respirators protect against dusts, aerosols and non-volatile liquid particles up to 10 times the operating limit.
Storage:	Store dry in original packaging without direct sunlight. (see packaging) If the storage conditions are observed, the product has a storage life of 5 years. (see labeling on the product)
Environmental sustainability and disposal:	The product can be thermally recycled or disposed of in landfills without releasing toxic substances. In the case of contaminated products, the type and extent of contamination determine the disposal, and the applicable laws and regulations must be observed.