

Product:	Respirator ecoComfort®	
REF:	244 245 245V 245CV 246V	
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 ecoComfort® series are tested according to EN 149:2001 + A1:2009.
Materials:	<ul style="list-style-type: none"> ▪ Outer & Inner layer: Polypropylene nonwoven ▪ Filter media: Polypropylene microfiber ▪ 245CV Pre-filter: activated carbon with polypropylene substrates ▪ Nose clip: iron wire coated with polyethylene, detectable ▪ Nose pad: Polyethylene foam ▪ Elastic band: textile elastic, free from natural latex ▪ Clip: Polyethylene ▪ Valve body: Polypropylene
Product Description:	<p>Respirators of the ecoComfort® series protect the wearer against dusts, aerosols and non-volatile, fluid particles.</p> <p>The two-part vertically foldable design is easy to handle and saves space when stored.</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>Internal adjustable nose clip easily adjusts to individual nose shape and makes the mask detectable.</p> <p>The innovative high-performance filter material offers high filtering performance with low breathing resistance and thus maximum wearing comfort even during longer periods of wear.</p> <p>REF 245CV is equipped with an additional activated carbon filter that neutralizes unpleasant odors.</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 a risk to the wearer and are not easily flammable.

Product performance:	<i>Product performance according to EN 149:2001+A1:2009</i>						
	Filter efficiency						
	REF	Class	Requirement		Test result		
			Maximum penetration		Actual penetration		
			NaCl 95 l/min	Paraffin oil 95 l/min	NaCl 95 l/min	Paraffin oil 95 l/min	
	244	FFP1 NR	20 %	20 %	0,77 %	3,4 %	
	245	FFP2 NR	6 %	6 %	0,89 %	1,72 %	
	245V	FFP2 NR	6 %	6 %	0,38 %	2,29 %	
	245CV	FFP2 NR	6 %	6 %	0,38 %	2,29 %	
	246V	FFP3 NR	1 %	1 %	0,1 %	0,27 %	
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
244	FFP1 NR	0,6	2,1	3,0	0,33	1,06	1,72
245	FFP2 NR	0,7	2,4	3,0	0,39	1,24	1,92
245V	FFP2 NR	0,7	2,4	3,0	0,33	1,16	1,7
245CV	FFP2 NR	0,7	2,4	3,0	0,33	1,16	1,7
246V	FFP3 NR	1,0	3,0	3,0	0,44	1,66	1,72

Packaging and variants:	Packaging	Quantity
	Box	20 pcs.
	Shipping carton	240 pcs.
GTIN:	244	4049825001836
	245	4049825001843
	245V	4049825001850
	245CV	4049825001867
	246V	4049825001874
Use:	<p>The respirators of the ecoComfort® series protect against solid and liquid aerosols up to the limits of use.</p> <p>Against CMR substances, DACH Schutzbekleidung always recommends selecting the highest protection class.</p>	
Storage:	<p>Store dry in original packaging without direct sunlight. (see packaging)</p> <p>If the storage conditions are observed, the product has a storage life of 3 years. (see labeling on the product)</p>	
Environmental sustainability and disposal:	<p>In the case of contaminated products, the type and extent of contamination determines the disposal, and the applicable laws and regulations of the relevant country must be followed.</p> <p>A non-contaminated product can be thermally recycled or disposed of in landfills without releasing toxic substances.</p>	
Indication:	<p>Non sterile.</p> 	