



DUOTEC®-Fastener

The DUOTEC® -fastener works on the principle of interlocking mushroom heads, which provide a solid connection when pressed firmly together. DUOTEC® can be fastened as often as required either lengthwise or crosswise and re-opened any time.

DUOTEC® 50 (Item 75763) and DUOTEC® 42 (Item 73763) are „one tape“ systems and are self-interlocking.

For optimum bonding to substrates three types of adhesive backing are available.

Technical Information					
Tensile Disengagement *	colour	Engaged-Thickness			
		without adhesive	adhesive - H1	adhesive - 32	adhesive - 33

DUOTEC® 50 Item no. 75763	approx. 35 N/cm ²	black	approx. 4,5 mm	approx. 5,4 mm	approx. 6,1 mm	approx. 5,9 mm
DUOTEC® 42 Item no. 73763	approx. 30 N/cm ²	natural	approx. 4,0 mm	approx. 5,0 mm	approx. 5,9 mm	----

* Tensile Disengagement tests based up to CEN TC 248/WG5 N30, issue 1/92

Product-Information			DUOTEC® 50 Item 75763	DUOTEC® 42 Item 73763
Colour			black (1002)	natural (0999)
Heads per cm²			approx. 42	approx. 56
Width			25 mm	25 mm
	other widths on request			
Thickness	(without adhesive)		approx. 3.1 mm	approx. 2.9 mm
Standard Roll Sizes			25 m	25 m
	other on request			
Weigth (25 mm width)	without adhesive		approx. 27 g/m	approx. 22 g/m
	with adhesive - H1		approx. 45 g/m	approx. 40 g/m
	with adhesive - 32		approx. 55 g/m	approx. 49 g/m
	with adhesive - 33		approx. 50 g/m	-----

Product Construction	
Construction	woven
Material	Base Polyamide, Polyurethane coated Engaging elements (mushroom heads) Polypropylene
Adhesive	H1 - Rubber based
	Colour transparent
	Liner LDPE, transparent
	32 - Acrylic foam
	Colour transparent
	Liner LDPE, red
33 - Acrylic foam	Colour black
	Liner LDPE, dark red

Typical adhesive properties			
Adhesive	H1	32	33
Temperature Range from up to short term	approx. - 30 °C approx. + 93 °C	approx. - 30 °C approx. + 160 °C	approx. - 40 °C approx. + 160 °C
Performance characteristics : Plasticizer resistance Solvent resistance Humidity Low surface energy High surface energy	medium medium high high high	high high high low high	high high high high high
Shelf life from date of manufacture and stored at 20°C and 50% rel. humidity in original package	12 months	12 months	12 months

Flammability		
DUOTEC® -fastener meets the requirements of the following specifications :		
DBL 5307.10 (Categorie C)	Ford SKM-3G 9512-A	FMVSS 302 (Categorie B)
VW - TL 1010 (Categorie BR)	Volvo STD 5031,1	FAR §25.853(a) App. F, Part I, (a) (1) (v)
BMW N 601 21.0	UTAC ST 18-502 (Categorie C)	95/28/EC Annex IV

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