

Technical Specifications

DYNOS[®] AND DYNAL[®] – FOR THE PERFECT GRINDING

ABRASIVES GOLD-STANDARD

DYNOS Vulcanized Fibre takes on a „leading role“ as perfect carrier material for professional abrasive operations. In basic version, our vulcanized fibre is supplied bicolored (choco / olive) by different formats, e.g. rolls, sheets or discs. Delivered by rolls vulcanized fibre is wound on robust paperboard cores or wooden spins.

Standard version abrasive fibres DYNOS® and DYNAL®

Color	choco / olive (double-sided)
Thickness range	0,40 to 1,00 mm
Trimmed width	min. 100 mm max. 1660 mm
Linear meter	min. 350 lm max. 1500 lm
Inner core diameter paperboard cores	75, 90 or 150 mm

Powered by flexibility: DYNOS product assortment is versatile and primarily focused on customer requirements. Special requests towards formats, packaging and quantities we are happy to fulfill for you. Both, our Know-how and our efficient procedures guarantee first-class, certified quality and reliable supply – the basis for your success!

Physical Properties

Product-name	Nominal thickness	Thickness range	Basis weight	Density	Moisture content	Tensile strength CD*	Ratio of tensile strenght CD/MD	Tensile strength (VDS)	Ply adhesion (CD)
	mm	mm	g/m ²	g/cm ³	%	N/15mm		N/mm ²	mN/mm
DYNOS®	0,60	0,60 - 0,66	750 - 870	≥ 1,2	6,5 - 8,5	≥ 550	≥ 0,50	≥ 54,5	≥ 900
DYNOS®	0,70	0,68 - 0,74	860 - 980	≥ 1,2	6,5 - 8,5	≥ 650	≥ 0,50	≥ 54,5	≥ 950
DYNOS®	0,80	0,76 - 0,82	950 - 1080	≥ 1,2	6,5 - 8,5	≥ 750	≥ 0,50	≥ 54,5	≥ 1070
DYNOS®	0,85	0,82 - 0,88	1050 - 1180	≥ 1,2	6,5 - 9,0	≥ 770	≥ 0,50	≥ 54,5	≥ 1100
DYNAL®	0,60	0,60 - 0,66	750 - 870	≥ 1,2	6,5 - 8,5	≥ 520	≥ 0,45	≥ 52,5	≥ 850
DYNAL®	0,70	0,68 - 0,74	860 - 980	≥ 1,2	6,5 - 8,5	≥ 580	≥ 0,45	≥ 52,5	≥ 925
DYNAL®	0,80	0,76 - 0,82	950 - 1080	≥ 1,2	6,5 - 8,5	≥ 650	≥ 0,45	≥ 52,5	≥ 1000

*Conditioning of specimen related to DIN 7738: 4 days 20 +/- 2°C, 65 +/- 2% r.H.

Thickness ranges from 0.40 to 1.00 mm

Colours and forms of delivery on request

VARIATIONS OF FORMATS

Our DYNOS® and DYNAL® - abrasive fibres are supplied by different disc formates - adjusted to requirements of different industrial applications worldwide. Please approach us directly for individual formats: we develop suitable solutions.

Executions by disc formates

No.	D	d	a	b	c	e	
10	180	23					
20	150	23					
30	127	23					
40	115	23					
50	100	16					
		± 0,5	± 0,2				Tolerance
11	180	23	65	2			
21	150	23	65	2			
31	127	23	50	2			
41	115	23	50	2			
51	100	16	50	2			
		± 0,5	± 0,2	± 0,5	± 0,2		Tolerance
12	180	23	65	2	10	44,5	
22	150	23	65	2	10	44,5	
32	127	23	50	2	10	44,5	
42	115	23	50	2	10	44,5	
		± 0,5	± 0,2	± 0,5	± 0,2	± 0,2	Tolerance
13	180	23			10	44,5	
23	150	23			10	44,5	
33	127	23			10	44,5	
43	115	23			10	44,5	
		± 0,5	± 0,2		± 0,2	± 0,2	Tolerance

DYNOS is leading industrial partner for grinding, technics and textile worldwide. Our products from recycled raw materials – vulcanized fibre, special paper and pulp – setting the standards in quality, diversity and sustainability.
Learn more on dynosgroup.com



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