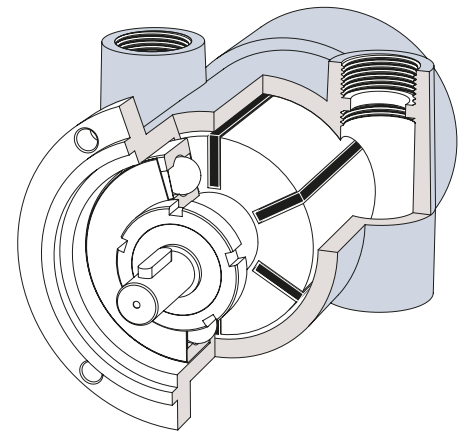


ANTI-FRICTION COMPOSITES

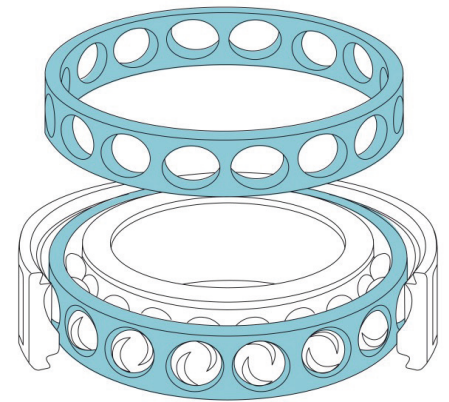
APPLICATION

- + Slides & vanes in pumps, compressors, compressed air motors/drives
- + Ball bearing cages and rings
- + Small machined parts



BENEFITS

- + Broad product range with special product for every application – flood lubricated, drop lubricated or oil-free
- + Decade long experience in precise machining of both – plates and tubes



	Flexural strength [MPa] (psi)	Friction coefficient [-]	Temperature Index [°C]	Water absorption [%]
Cotton cloth composites* - economic low friction alternative				
Canevasite FF-5964	130 (19,000)	0.25	120 (Class E)	0.42
Canevasite FF-PTFE	135 (19,500)	0.15	120 (Class E)	0.70
Canevasite F 18 C6	133 (19,300)	0.17	120 (Class E)	0.73
Canevasite VRI-BAT	135 (19,500)	0.20	120 (Class E)	0.60
Aramid cloth composites – for highest temperature and lowest friction application				
AR 600 P01	160 (23,000)	0.16	180 (Class H)	0.30
AR 600 T23	160 (23,000)	0.15	200 (Class R)	0.30
ACG 600 T23	130 (19,000)	0.26	200 (Class R)	0.35
Glass cloth composites - for highest mechanical stresses				
Vetronite EGS 103	400 (58,000)	0.53	155 (Class F)	0.06
Vetronite EGS T23	450 (65,000)	0.50	180 (Class H)	0.05

*Standard material acc. to NEMA LI-1 or DIN EN 60893 also available

VALUE PROPOSITION

- + Market leadership in Europe for slides and vanes
- + Von Roll's decade long experience in composite manufacturing combined with state-of-the-art production facilities lead to high quality products



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The logo for vonRoll, featuring the word 'vonRoll' in a bold, dark blue, sans-serif font. The 'v' and 'o' are lowercase, while 'nRoll' are uppercase.