

DRUM MOTOR DL SERIES LAGGING

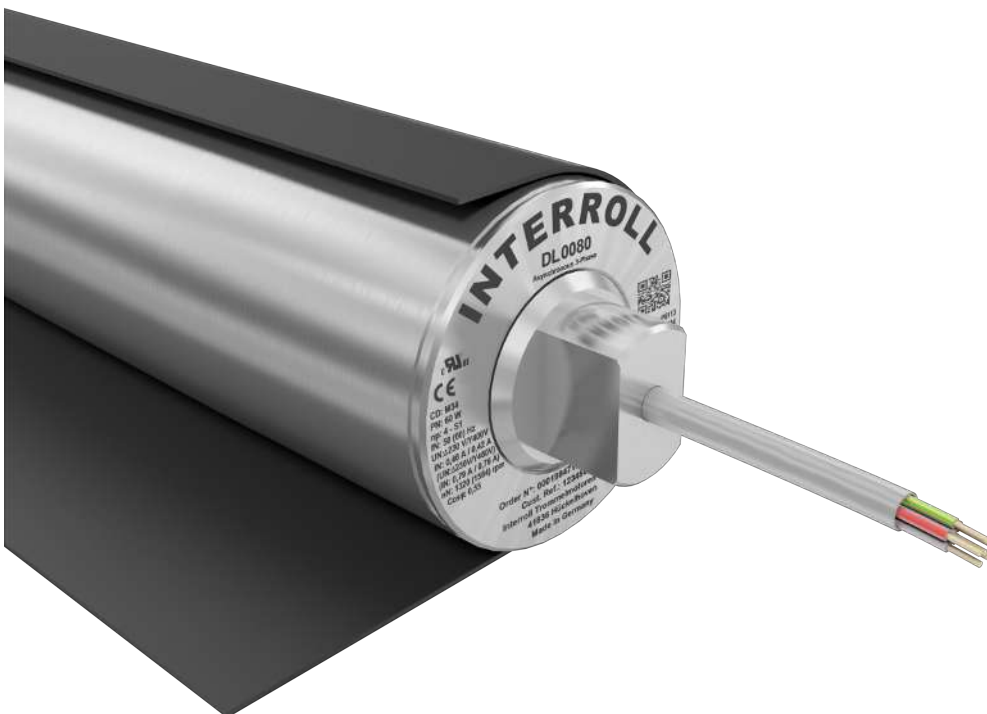
For friction drive belt applications



Hygienic and loadable

A lagging provides an advantage for drum motors, particularly for wet applications and in food processing, with its typical hygienic requirements. A lagging increases the friction between drum motor and conveyor belt, thereby preventing slippage. On top of that, it is resistant to external influences such as oil, fuels, and other chemicals that may be used for cleaning. Depending on the application, different profiles are available: For high volumes of liquid, a longitudinal grooved lagging redirects moisture between belt and motor, a center V-groove provides space for a tracking profile. Laggings are available in cold and hot vulcanization, whereby the latter meets particularly strict hygiene requirements.

Note: It is important to incorporate a calculation of belt pull and speed that is adjusted to the greater outer diameter of the drum motor.



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Technical data

Material	Hot or cold-vulcanized NBR, other materials upon request.
Temperature range	-40 bis +120 °C
Shore hardness	65 and 70 ± 5 Shore A

Versions

Cold vulcanization

Lagging profile	Color	Features	Shore hardness	Thickness [mm]
Smooth	Black	Oil- and grease-resistant	65 ± 5 Shore A	3; 4
	White	FDA food approved	70 ± 5 Shore A	
Longitudinal grooves	White	FDA food approved	70 ± 5 Shore A	8

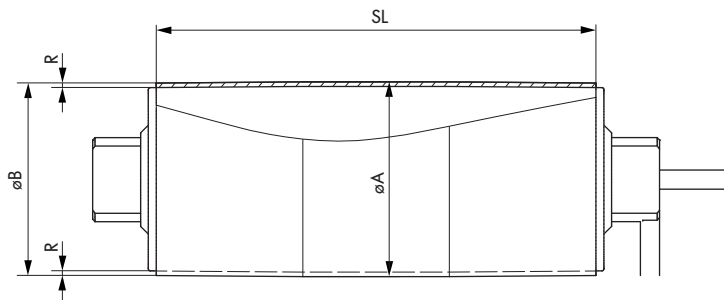
Hot vulcanization

Lagging profile	Color	Features	Shore hardness	Thickness [mm]
Smooth	Black	Oil- and grease-resistant	65 ± 5 Shore A	2; 3; 4; 5; 6; 8; 10; 12; 14; 16
	White/blue	FDA food approved (EC) No. 1935/2004 approved	70 ± 5 Shore A	
Longitudinal grooves	Black	Oil- and grease-resistant	65 ± 5 Shore A	6; 8; 10; 12; 14; 16
	White/blue	FDA food approved (EC) No. 1935/2004 approved	70 ± 5 Shore A	

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Dimensions

Smooth



The standard cambers of the lagging are available in the following table.

Drum motor	Ø Tube [mm]	Cold vulcanization			Hot vulcanization		
		Min./max. R [mm]	Ø A [mm]	Ø B [mm]	Min./max. R [mm]	Ø A [mm]	Ø B [mm]
DL 0080	81.5	3	87.5	86.0	2	85.5	84.0
		4	89.5	88.0	6	93.5	92.0
DL 0113	113.3	3	119.3	117.8	2	117.5	115.8
		4	121.3	119.8	6	125.3	123.8