WEAR RESISTANT MATERIALS

PULLEY LAGGING 60 black

General:

SBR, black, high-grade
Sulphur crosslinked
Pulley lagging with bonding layer

Thickness tolerances according to ISO 3302 ST3

Particularly well suited for lagging:
-drive pulleys with diameters of more than 300 mm, even in reversing operation
-return pulleys and take-up pulleys on conveyors with high belt tension

-antistatic – specific electrical volume resistivity of the wear resistant layer acc. ASTM D 991 < 1 MegaOhm*cm (the bonding layer is isolating)

Wrapping: stretched foil, labelled

*SVHC-free

Properties:

Hardness [Shore A]:	ISO 7619-1	60±5
Density [g/cm³]:	ISO 1183-1	~1,13
Tensile Strength [N/mm²]:	ISO 37 type 2	15
Elongation at Break [%]:	ISO 37 type 2	400
Abrasion [mm²]:	ISO 4649 Meth. A	120

correspond to WDK-guideline 2201 : 2020-10 "Quality characteristics of Elastomer sheets and plates"

Working temperature range

Medium	dyn.(stat.)	max.	short-term
Air	-30 (-35)°C	+70°C	+90°C

Compression set DIN ISO 815

Duration	Temperature	CS
22h	+70°C	30%

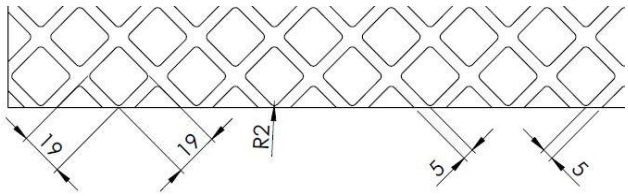
Ageing ISO 188

Conditions	Hardness	Strength	Elongation
70h / 70°C	5 Shore A	10%	15%

Stabilities:

Ozone resistance:	moderately resistant
Weather resistance:	moderately resistant
Oil resistance:	non resistant
Fuel resistance:	non resistant
Acid resistance:	moderately resistant
Strong bases:	resistant
Abrasion resistance:	well suited

ROTACURED-SHEETS product number	thickness mm	width mm	length mm
366581408	8,0	1.400	10.000
366581410	10,0	1.400	10.000



PAH disclaimer:
Referring to an international proficiency test and information received from the testing laboratories about accuracy of test results we may inform you, that test results for the same specimen from different laboratories may not correlate:
* Results of the 10 PAH with individual limits of < 1 mg/kg in the measurement range around the limit are only accurate to approx. ± 70%.
* Results of the overall limit of < 50 mg/kg are only accurate to approx. ± 35%
Our test results are provided on an as-is basis and to the best of our knowledge, without any legally binding commitment. Our tests do not release you from own tests as to the respective application envisaged.

Please note:
This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operation conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether specified properties of our products are sufficient for the intended use. If there is any doubt (e.g. chemical resistance), do not hesitate to contact our qualitied engineers. The use of our products is at the user's own risk. We do not have any influence concerning the application and individual usage. We do of course warrant the quality of our products according to our General Sales Conditions, available on our website or on request.

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