

AAG ABRASION RUBBER



datasheet RS 40

NR-SBR, red – high-grade

wear resistant quality, 40 Shore

highly elastic

typical operational areas: sand blast rooms,
fine-granular materials

thickness tolerances:

up to 6 mm thickness according to DIN 7715 P3;
over 6 mm according to ISO 3302 ST3

– packaging see General Information

Hardness [Shore A]: 40 ±5

Density [g/cm³]: 1.06

Tensile strength [N/mm²]: 16

Elongation at break [%]: 600

Abrasion [mm³]: 110 (5 N)

Ozone resistance: non resistant

Weather resistance: non resistant

Oil resistance: non resistant

Benzine resistance: non resistant

Acid resistance: moderately resistant

Strong bases: resistant

Abrasion resistance: good suitable

WORKING TEMPERATURE RANGE

| Medium | dyn. (stat.) | max. | short-term |
|--------|--------------|-------|------------|
| Air | –40 (–50) °C | +70°C | +80°C |

COMPRESSION SET DIN ISO 815

| Duration | Temperature | CS |
|----------|-------------|------|
| 22 h | 70 °C | 25 % |

AGEING DIN 53508

| Conditions | Hardness | Strength | Elongation |
|-------------|------------|----------|------------|
| 70h / 70 °C | +5 Shore A | –10 % | –15 % |

ROTA-CURED-SHEETS

| Article-number | Thickness mm | Width m | Length m | Surface | No. of insert. |
|----------------|-----------------|------------|-------------|---------|-------------------|
| 3665 00206 | 6.0 | 1.4 | 10 | S S | 0 |
| 3665 00208 | 8.0 | 1.4 | 10 | S S | 0 |
| 3665 00210 | 10.0 | 1.4 | 10 | S S | 0 |

PRESS-CURED-SHEETS

| Article-number | Thickness mm | Width m | Length m | Surface | No. of insert. |
|----------------|-----------------|------------|-------------|---------|-------------------|
| 3647 00212 | 12.0 | 1.4 | 5 | S S | 0 |
| 3647 00215 | 15.0 | 1.4 | 5 | S S | 0 |
| 3647 00220 | 20.0 | 1.4 | 5 | S S | 0 |
| 3647 00225 | 25.0 | 1.4 | 5 | S S | 0 |
| 3647 00230 | 30.0 | 1.4 | 5 | S S | 0 |
| 3647 00240 | 40.0 | 1.4 | 5 | S S | 0 |
| 3647 00250 | 50.0 | 1.4 | 5 | S S | 0 |

S = smooth

Please Note:

This catalogue 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 catalogue 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 qualified 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 guarantee the quality of our products according to our general sales conditions, available on request.