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# 3R858

## RUBBER

Dura-Shield rubber offers a high resistance to cut, tear and abrasion. It reduces impacts and vibration. Moreover, the 3R858 has a surface that eases adhesion. It can withstand the most severe abrasive industrial applications better than other rubbers would.



## APPLICATIONS

- Abrasion where installation needs gluing
- Mines
- Chute linings

## SPECIFICATIONS

### Technical Data

Polymer Type	Natural NR
Color	Red
Density	1.06 gr/cc
Hardness (Shore A) ± 5	40
Temperature	-40°C to 82°C (-40°F to 180°F)
Tensile Strength (ASTM D412)	3000 psi min
Elongation (ASTM D412)	600% min.
Tear (ASTM D624)	350 lbs/in <sup>2</sup>
Abrasion (DIN 53516)	Wet: 40 mm <sup>3</sup> , Dry: 160 mm <sup>3</sup>
Compression set (ASTM D395B)	22 hrs @ 70C (158F): 25% max.
Heat aging	70h @ 70C (158F): Changed - Hardness : + 10 pts max., Tensile : - 25% max., Elongation: -25% max.
Compression Set	Excellent
Abrasion Resistance	Outstanding
Tear Resistance	Outstanding

<b>Ozone Resistance</b>	<b>Poor</b>
<b>Impermeability to Gases</b>	<b>Good</b>
<b>Resistance to Dilute Acid</b>	<b>Fair</b>
<b>Resistance to aromatic hydro-carbons</b>	<b>Poor</b>
<b>Heat Aging</b>	<b>Fair</b>

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**N.B.** The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.