



## DALTOPED® AQUAPUR

### For high-quality, casual comfort shoes

The DALTOPED® AQUAPUR fully water-blown polyether soling solution provides excellent flow and surface definition for better looking and better feeling soles.

DALTOPED® AQUAPUR polyether soling solution is suitable for the direct-on processing and casting of unit soles and midsoles. Available in a range of densities, it can be used in almost all types of casual footwear applications - and athleisure shoes.

Mirroring the effects of physical blown systems, our DALTOPED® AQUAPUR polyether soling solution provides footwear manufacturers with the same high-quality finish while meeting advanced soling needs and eliminating solvent emissions.

#### Key features

- Fully water-blown
- Easy and robust processing on standard polyurethane machinery
- Design flexibility
- Hydrolysis and slip resistant
- Cold flex performance
- Plasticizer and solvent-free

#### Benefits

##### Performance benefits

- Lightweight
- Good grip and feel
- Comfortable
- Durable
- High-quality surface finish

##### Processing benefits

- Excellent flow enables complex designs
- Full range of color options
- Blend stability in the machine tank
- Compatible with standard polyurethane processing machines
- Fast cycle time
- Room temperature processing
- Fully blended, ready-to-use formulation

##### Cost benefits

- Reduced energy consumption and fast production cycle\*
- Reduced sole weight
- Low production waste

\* When compared to thermoplastic rubber

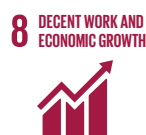


## Striving for sustainability

We are dedicated to the development of sustainable soling solutions that can support the footwear industry's environmental ambitions. A signatory to the United Nations Global Compact (UNGC) – the world's largest voluntary corporate citizenship initiative – our work is guided by the UN's 17 Sustainable Development Goals. All 17 UN Sustainable Development Goals are important to our business – with three of particular relevance to our work in the global footwear sector.



- Lightweight materials for comfort
- Plasticizer and solvent-free
- High rebound and cushioning effect for comfort
- Cold temperature resistant



- Low VOC emissions
- Fully water-blown technology
- Design flexibility
- Compatible with standard polyurethane machinery



- Lightweight
- Long lasting products
- Energy efficient process
- Low scrap rate

## Committed to our customers

We are committed to providing our customers with outstanding levels of support. We achieve this by:

- Employing experienced technical service people
- Providing trouble shooting advice
- Performing regular quality checks
- Offering sampling and proto-typing services
- Developing tailor-made solutions
- Co-innovating for the future
- Supporting product compliance needs
- Delivering dedicated training including MDI safe handling

## Typical properties

	DALTOPED® AQUAPUR technology	DALTOPED® AQUAPUR technology (light)
Density (kg/m <sup>3</sup> )	450 - 550	350 - 450
Hardness (Shore A)	45 - 55	40 - 50
Trouser tear (N/mm)	4 - 5	2.5 - 3.5
Tensile strength (MPa)	2.5 - 3	2 - 3
Elongation (%)	300 - 350	>300
Flex life	<2	<2
Abrasion (mg loss)	<50	<70

# HUNTSMAN

Enriching lives through innovation

### Europe

Huntsman Polyurethanes  
Everslaan 45  
3078 Everberg  
Belgium  
Tel.: +32 2 758 9211  
elastomers\_EU@huntsman.com

### Asia

Huntsman Polyurethanes  
452 Wen Jing Road  
Minhang Econ. & Tech. Dev. Zone  
Shanghai 200245  
P.R. China  
Tel.: +86 21 3357 6588  
elastomers\_APAC@huntsman.com

### America

Huntsman Polyurethanes  
Auburn Hills Technical Center  
2190 Executive Hills Boulevard  
Auburn Hills, MI 4836  
USA  
+1 248 322 7300  
elastomers\_Americas@huntsman.com

### About Huntsman:

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