

DUNLOP®

ACIFORT® HEAVY DUTY FULL SAFETY

Basic chemical resistance and worker protection

Product Code: A4422B1



Additional information

Country of origin:	Portugal
Weight:	Size 43, 2.23 kg/pr
Size range:	39-45
Packaging:	Per pair in a polybag
Number of pairs per carton/box:	6 pairs
Resistance:	Minerals, animal and vegetable oils and fats, disinfectants, manure, solvents, various chemicals

ACIFORT®

Acifort® = Acide + Comfort. Is a mixture of PVC and Rubber and especially developed for each individual industry. The unique combination of PVC, Nitrile rubber and polymers create a longer lasting, more durable and comfortable boot.

Outsole

- Strong abrasion resistant outsole for extra durability
- Easy cleaning and SRA+ rated slip resistant outsole
- Shock absorbing heel design

Protection & Comfort

- Protective toecap & midsole
- Certified according to European standard (EN ISO 20345:2011 S5 SRA)
- Suitable for use under protective suits (EN943-1 certified)



Shaft / Upper

- Nitrile and polymers enhanced PVC compound for basic chemical protection
- Reinforced ankle protection

DUNLOP® PROTECTIVE FOOTWEAR - RESISTANCE LIST

The information in this chart has been compiled from results of in house tests and information supplied by other reputable sources and is to be used ONLY as a guide in selecting equipment for appropriate chemical compatibility.

In case of doubt it is advised to test the equipment with the chemicals and under the specific conditions of a specific application before permanent installation. Materials for these tests can be supplied on request. Ratings of chemical behaviour listed in this table apply to a restricted exposure periods at room temperature.

Variations in chemical behaviour during handling due to factors such as temperature, pressure, and concentration can cause equipment to fail, even though it passed an initial test.

Use suitable guards and/or personal protection when handling chemicals.

+++ = excellent
 ++ = good
 + = fair
 - = not recommended

INORGANIC ACIDS	
sulphuric acid (< 10%)	+++
sulphuric acid (con.)	-
hydrochloric acid (< 10%)	+++
hydrochloric acid (con.)	++
nitric acid (< 5%)	++
nitric acid (5-25%)	+
nitric acid (25- 50%)	-
phosphoric acid (< 50%)	++
hydrofluoric acid (< 30%)	++
chromium acid (sol.)	+
ORGANIC ACIDS	
acetic acid (< 10%)	+++
butyric acid (< 20%)	++
butyric acid (con.)	+
citric acid (sol.)	+++
lactic acid (< 10%)	++
formic acid (< 10%)	++
oxalic acid	++
BASES	
ammonia (< 5%)	+++
ammonia (con.)	++
barium hydroxide (sol.)	++
calcium hydroxide	++
magnesium hydroxide (sol.)	++
caustic soda (< 50%)	++
SALT (IN SOLUTION)	
aluminium acetate	+++
aluminium chloride	+++
ammonium hydrogen carb.	+++
ammonium chloride	+++
ammonium sulphide	+++
antimony trichloride	++
barium chloride	+++
potassium carbonate	+++
potassium chlorate	++
potassium nitrate	+++
potassium permanganate	++
lead acetate	+++
lead nitrate	+++
magnesium carbonate	+++
magnesium chloride	+++
mercuriumchloride	-
sodium acetate	+++
sodium chlorate	++
sodium chloride	+++
sodium fluoride	+++
sodium hypochlorite	++
nickel sulphate	+++
stannic chloride	++
silver nitrate	+++
zinc chloride	+++
zinc sulphide	+++

AMINES	
tri-ethanol amine (TEA)	++
di-ethylamine	-
ESTERS / ETHERS	
amylacetate	-
ethyl acetate	-
ethyl formate	-
methyl formate	-
dibenzyl ether	-
tetrahydrofuran	-
MINERAL OILS AND FATS	
engine oil	++
cutting oil	++
mineral oil	++
boarding oil	++
VEGETABLE AND ANIMAL OILS AND FATS	
margarine	+
mayonnaise	+
milk	+
butter	+
pine oil	+
soyabean oil	+
coconut oil	+
fish oil	+
beef suet	+
higher alcohols	+
higher fatty acids	+
HYDROCARBONS	
xylene	+
gasoline	++
cyclohexane	-
kerosene	++
naphtha	+
petroleum	++
refined petrol	++
toluene	-
n-heptane	+
ALCOHOLS	
butyl alcohol (butanol)	-
1-hexanol	+
isopropanol	+
ethanol	+
methanol	+
1-octanol	+
diethylene glycol (DEG)	++
glycerine	++
CHLORINATED HYDROCARBONS	
methylene chloride	-
trichloroethylene	-
tetrachloroethylene	-

ALDEHYDES	
acetaldehyde	-
benzaldehyde	-
formaldehyde	-
KETONES	
acetone	-
cyclohexanone	-
methylethylketone (MEK)	-
MISCELLANEOUS	
cement / concrete	++
detergents	++
sugar solution	+++
paint remover	-
hydrogen peroxide (30% vol)	++