## **DUNLOP®**



# **ACIFORT® HEAVY DUTY FULL SAFETY**

## Basic chemical resistance and worker protection

Product Code: A4422B1



CERTIFIED



OUTSOLE





TOECAP

+ MIDSOLE



WATERPROOF



OIL RESISTANT

OUTSOLE



RESISTANT





ABSORBING

### Additional information

Portugal Size 43, 2.23 kg/pr Country of origin: Weight: Size range: 39-45 Packaging: Per pair in a polybag Number of pairs per carton/box:

Resistance:

Minerals, animal and vegetable oils and fats, disinfectants, manure, solvents, various chemicals

## **ACIFOR**1

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)



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### 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)	
MAINING MAININ	
aluminium acetate	+++
	+++
aluminium acetate	
aluminium acetate aluminium chloride	+++
aluminium acetate aluminium chloride ammonium hydrogen carb. ammonium chloride ammonium sulphide	+++ +++ +++
aluminium acetate aluminium chloride ammonium hydrogen carb. ammonium chloride ammonium sulphide antimony trichloride	*** *** *** ***
aluminium acetate aluminium chloride ammonium hydrogen carb. ammonium chloride ammonium sulphide	+++ +++ +++
aluminium acetate aluminium chloride ammonium hydrogen carb. ammonium chloride ammonium sulphide antimony trichloride barium chloride potassium carbonate	*** *** *** ** **
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di-ethylamine	AMINES	
SETERS FETHERS  amylacetate ethyl acetate ethyl formate methyl formate dibenzyl ether tetrahydrofuran  MINERAL OILS AND FATS  engine oil the 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 #**  **HYPROCARBONS **  **XPJORCARBONS **  **XPJORCARBONS **  **XPJORCARBONS **  **XPJORCARBONS **  **  **XPJORCARBONS **  **  **ALCOHOLS butyl alcohol (butanol)	tri-ethanol amine (TEA)	
amylacetate	di-ethylamine	
ethyl acetate	ESTERS / ETHERS	
ethyl formate	amylacetate	
methyl formate	ethyl acetate	-
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 mayonnaise milk +- butter pine oil +- soyabean oil coconut oil fish oil +- beef suet higher alcohols higher fatty acids +- HYDROCARBONS xylene gasoline cyclohexane kerosene +- heptane heptane heptane ALCOHOLS butyl alcohol (butanol) 1-hexanol isopropanol +- tethanol methanol	ethyl formate	-
tetrahydrofuran	methyl formate	
mineral oils AND FATS engine oil ++ cutting oil ++ boarding oil ++  VEGETABLE AND ANIMAL OILS AND FATS  margarine +- mayonnaise +- milk +- butter +- pine oil +- soxyabean oil +- coconut oil +- fish oil +- beef suet +- higher alcohols +- higher fatty acids +- HYDROCARBONS xylene +- gasoline ++ cyclohexane +- kerosene ++ naphtha +- petroleum ++ refined petrol ++ toluene n-betane +- ALCOHOLS butyl alcohol (butanol) 1-hexanol +- methanol +- diethylene glycol (DEG) glycerine +-  CHLORINATED HYDROCARBONS  methylene chloride trichloroethylene	dibenzyl ether	-
engine oil	tetrahydrofuran	
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 +  gasoline ++  cyclohexane +  herosene ++  haphtha +  petroleum ++  refined petrol ++  toluene -  n-heptane +  ALCOHOLS  butyl alcohol (butanol) -  1-hexanol +  methanol +  diethylene glycol (DEG)  glycerine ++   CHLORINATED HYDROCARBONS  methylene chloride +-  chlorioretylene -  methylene chloride  trichloroethylene -   methylene chloride  trichloroethylene -	MINERAL OILS AND FATS	
++   ++   ++   ++   ++   ++   ++   +	engine oil	++
boarding oil ++  VEGETABLE AND ANIMAL OILS AND FATS  margarine + mayonnaise + milk + butter + pine oil + coconut oil + coconut oil + fish oil + beef suet + higher alcohols + higher alcohol + higher alc	cutting oil	++
margarine + mayonnaise + milk + butter + pine oil + moore oil + mo	mineral oil	++
margarine	boarding oil	++
mayonnaise	VEGETABLE AND ANIMAL OILS AND FATS	
milk	margarine	+
butter	mayonnaise	+
pine oil + soyabean oil + coconut oil + fish oil + beef suet + higher alcohols + higher fatty acids + HYDROCARBONS  vylene + gasoline ++ cyclohexane - teroscene ++ naphtha + petroleum ++ refined petrol ++ toluene - n-beptane + ALCOHOLS  butyl alcohol (butanol) - 1-hexanol + isopropanol + ethanol + diethylene glycol (DEG) glycerine ++  CHLORINATED HYDROCARBONS  methylene chloride trichloroethylene -	milk	+
+	butter	+
## ## ## ## ## ## ## ## ## ## ## ## ##	pine oil	+
fish oil	soyabean oil	+
beef suet	coconut oil	+
higher alcohols	fish oil	+
higher fatty acids	beef suet	+
#YDROCARBONS  xylene	higher alcohols	+
+	higher fatty acids	+
gasoline ++  cyclohexane  kerosene ++  naphtha ++  petroleum ++  refined petrol ++  toluene  n-heptane +-  ALCOHOLS  butyl alcohol (butanol)  1-hexanol +-  isopropanol +-  ethanol +-  methanol +-  diethylene glycol (DEG) ++  glycerine ++  CHLORINATED HYDROCARBONS  methylene chloride  trickloroethylene	HYDROCARBONS	
- kerosene	xylene	+
Herosene	gasoline	++
+   +	cyclohexane	
++   ++   ++	kerosene	++
### toluene	naphtha	+
toluene	petroleum	++
### ##################################	refined petrol	++
ALCOHOLS butyl alcohol (butanol) - 1-hexanol + isopropanol + ethanol + methanol + 1-octanol + diethylene glycol (DEG) ++ CHLORINATED HYDROCARBONS methylene chloride - trichloroethylene -	toluene	
butyl alcohol (butanol) -  1-hexanol +  isopropanol +  ethanol +  methanol +  1-octanol +  diethylene glycol (DEG) ++  glycerine ++  CHLORINATED HYDROCARBONS  methylene chloride -  trichloroethylene -	n-heptane	+
1-hexanol + isopropanol + ethanol + methanol + 1-octanol + diethylene glycol (DEG) ++ glycerine ++  CHLORINATED HYDROCARBONS  methylene chloride - trichloroethylene -	ALCOHOLS	
+	butyl alcohol (butanol)	-
ethanol + methanol + 1-octanol + diethylene glycol (DEG) ++ glycerine ++  CHLORINATED HYDROCARBONS methylene chloride - trichloroethylene -	1-hexanol	+
+	isopropanol	+
1-octanol	ethanol	+
diethylene glycol (DEG) ++ glycerine ++  CHLORINATED HYDROCARBONS  methylene chloride trichloroethylene -	methanol	+
glycerine ++  CHLORINATED HYDROCARBONS  methylene chloride trichloroethylene -	1-octanol	+
methylene chloride - trichloroethylene -	diethylene glycol (DEG)	++
methylene chloride - trichloroethylene -	glycerine	++
trichloroethylene -	CHLORINATED HYDROCARBONS	
	methylene chloride	-
tetrachloroethylene -	trichloroethylene	
	tetrachloroethylene	-

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

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