

# HDPE - PROTECTION ROLL



## PRODUCT DESCRIPTION

HDPE protection roll is a geo-membrane manufactured for the protection of the **HYDRO-PRUFE® PVC** waterproofing systems. If the **HYDRO-PRUFE®** systems are not covered by other approved overlayment then the HDPE is required. It can be used in vertical applications or horizontal applications. It comes in 30 mil, 40 mil, 60 mil and 80 thicknesses. The HDPE protection roll is highly puncture resistant.

## PRODUCT NUMBERS AND COLORS

Standard Color is:       Black

## PHYSICAL PROPERTIES

<u>Description</u>	<u>Test Method</u>	<u>Results</u>
Tensile Properties (@ Break)	ASTM D-6693	30 mil / 122
		40 mil / 162
		60 mil / 243
		80 mil / 326
Elongation (@ Break)	ASTM D-6693	30 mil / 700
		40 mil / 700
		60 mil / 700
		80 mil / 700
Tear Resistance (min)	ASTM D-1004	30 mil / 21/lbf
		40 mil / 28/lbf
		60 mil / 42/lbf
		80 mil / 57/lbf
Puncture Resistance	ASTM D4833	30 mil / 60/lbf
		40 mil / 80/lbf
		60 mil / 122/lbf
		80 mil / 155/lbf

## INSTALLATION

The HDPE protection roll is loose laid over the **HYDRO-PRUFE®** membrane. It can be spot welded or fully welded at the seams.

If concrete or shotcrete is placed directly against the HDPE ensure that all seams are secured so no concrete enters the HDPE seams. When installing vertically to protect the **HYDRO-PRUFE®** waterproofing system secure temporarily in place but ensure not to penetrate the waterproofing system. Contact manufacturer for further information.

## AVAILABILITY

HDPE protection roll is available from the manufacturer, vendors, or factory trained contractors..

## PACKAGING

Standard rolls come in 22.3 feet wide and lengths from 100' up to 300'. Contact manufacturer for specific sizes.

## WARRANTY

Warranties are available upon successful installation and range in coverage. Contact the manufacturer for further information concerning warranties.

## MAINTENANCE

**HDPE** requires no maintenance.

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience. For the most up to date information, please visit [www.hydro-gard.com](http://www.hydro-gard.com). HYDRO-GARD accepts no responsibility for the results obtained through application of this product. **HYDRO-GARD** reserves the right to update information without notice.

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