

G S Sales Factoid

G S Sales		
Growing the Plastics Market Through Education		
		
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Röchling offers the industry's widest range of UHMW. Grades of Polystone M (UHMW).

Let Us Help You Select The Right Grade of UHMW for the Application !

In 1987 Röchling bought Impact Plastics. Since 1958 Impact Plastics has been the United States first manufacturer of UHMW sheet. Together with experience & technology at our European manufacturing facilities and Impact's background, Röchling offers the most complete line of UHMW sheet & rod products. We have the best formulations available to fit your application. I will itemize a number of the our grades of UHMW materials:

Polystone® M: Virgin UHMW

Polystone® M: Colors: Colored UHMW low minimums

Polystone® M Reprocessed: Reprocessed UHMW standard solid colors green or black or marble on request.

Polystone® X-L: Specialty X-Linked UHMW for wear and release. (standard color is grey, others on request.)

Polystone® MPG: This specialty grade of UHMW is X-Linked and glass filled for added wear (standard colors blue & also available in other colors).

Polystone® Matrox™ : is a new formulation of Polystone that has been developed for the bulk material handling and mining marketplaces. This product exhibits very low coefficient of friction with exceptional wear resistance. Polystone Matrox is weldable.

Polystone® Extreme: This specialty formulated UHMW is ideal for increased wear with extremely low coefficient of friction and is UV Resistant.

Polystone® M-Slide: This specialty grade of UHMW fillers for extra low friction to make it ideal for conveying applications

Polystone® M Anti-Static: we produce static dissipative UHMW to your specifications of conductivity. (Standard color black.) This is also available in a FDA compliant grade.

Polystone® M Rubberbacked: REP can put .060 rubber on the back of any grade of UHMW sheet. This is to add to the UHMW's impact resistance and to allow for bonding UHMW to a substrate.

Polystone® M Asphalt Liner (Heat Stabilized EHS): This UHMW sheet is designed to withstand intermittent temperatures up to 350°F. It is gray in color

Polystone® M Heat Stabilized (EHS): This sheet is designed for increased operating temperatures. It can operate continuously at 226°F and performs well when exposed in temperatures up to 350°F. This product was designed for applications such as bakery equipment and asphalt handling. This is a FDA compliant material. This is a cream white color.

Polystone® M Steel-Filled: This filled UHMW is designed to give you exceptional stiffness, wear and a specific gravity 1.2 to 1.40.

Polystone® M Oil-Filled: We produce this sheet with Food Grade fillers, so it is compliant with FDA requirements.

Polystone® M Silicone Filled: A superior sheet for coefficient of friction and extremely good wear resistance.

Polystone® Flame Retardant: This material is MSHA approved for underground mining applications.

Polystone® M UV Stabilized: REP produces UV stabilized sheet ideal for outdoor applications.

Polystone® Safety Board: This UHMW is designed with a special treatment allow a rough surface to walk on one side.

Custom Polystone®: Röchling runs a large amount of custom formulations to meet the needs of specific customer applications. If you do not see it listed please ask as I am sure I missed some items.

Visit Röchling's Website at www.roechling-plastics.us
Or call for additional information at 704-922-7814

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Röchling Cross Reference Chart to PHS Materials
 Developed by G S Sales at the request for our customers.

PHS Products	Röchling Products
Tivar® 1000	Polystone® M-Virgin
Tivar® Uniblend	Polystone® M-Reprocessed
Tivar® Marble	Polystone® M- Reprocessed
Tivar® 88	Polystone® Matrox
Tivar® 88-2	Polystone® Matrox
Tivar® Antistatic	Polystone® M Black Anti-Static
Tivar® Ceram P	Polystone® MPG
Tivar® Clean Stat	Polystone® M Antistatic FDA
Tivar® Dock Guard	Polystone® M Reprocessed
Tivar® Dry Slide	Polystone® M-Slide
Tivar® DS	Polystone® M Extreme & XL
Tivar® H.O.T.	Polystone® M Heat Stabilized (EHS)
Tivar® Oil Filled	Polystone® M Oil Filled
Tivar® Polysteel	Polystone® M Steel Filled
Tivar® Super Plus	Polystone® Matrox
Tivar® UV Resistant	Polystone® M UV Stabilized
Tivar® Rubberbacked	Polystone®M Rubberbacked
Quicksilver® On Road	Polystone M® Grey EHS
Quick Silver® Off Road	Polystone® Matrox
Duropro®	Polystone® M Reprocessed
LTD® Liner	Polystone® G
Sanalite®	Polystone Cut Rite®
HDPE	Polystone G
Proteus® Family of Products	Polystone P Family of Products

This cross reference chart is completed to the best of our beliefs. All manufacturers produce products slightly different to their own particular formulations. We believe these cross references will give you satisfactory performance results. This however can not be guaranteed and encourage you to do side by side testing.

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 704-884-3500
 Cheri Cobb Acc't Rec. 704-884-3520
 Birgit Moecks Marketing Manager
 704-884-3506
 Brychan Griffiths Process Engineer &
 Quality Manager 704-884-3533

Polystone® MegaSheet

Efficient ways to cut our MegaSheet

RÖCHLING
 Engineered Plastics

ISO 9001:2000 · DQS CERT
RÖCHLING
 Quality wins

Röchling offers a 40% advantage!

21 pcs. 32" x 32" from one 8' x 20' MegaSheet
 VS
 15 pcs. 32" x 32" from five 4' x 8' regular sheets

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