

## ULTRA GRIP PRODUCTS

TECHNICAL SERVICE

### GOODYEAR CERTIFIED PERFORMANCE PRODUCTS

**GOODYEAR** shoe products have been tested and found to meet the specifications and requirements of the **GOODYEAR TIRE AND RUBBER COMPANY**. Akron, Ohio, **GOODYEAR** shoe products are controlled throughout the manufacturing process. Exact process controls insure the highest quality products as well as make reliance on post-production quality testing less critical. The utmost care is used in the manufacture of our products but no warranty is expressed or implied in their sale. Properties listed are typical of the product and represent guidelines to help select products for your application. Test values normally vary based upon procedures and test conditions. Physical properties are measured on test plaques due to the many variations of design and their effect on test results. Our responsibility is limited to the sales value of the products sold.

### APPLICATIONS:

Ultra Grip polymers are specifically formulated for particular conditions. In wet conditions Ultra Grip Water is recommended. Its water wet slip resistance is almost as high as on dry surfaces. For ice, slippery and cold conditions Ultra Grip Ice is recommended. It has a combination of a non slip polymers with mineral additives to enhance traction on most surfaces. For oily surfaces Ultra Grip Oil is formulated to offer the best non slip properties on the market. Design is an important key in the performance of Ultra Grip Oil and we have many suitable designs to further enhance the grip characteristics of Ultra Grip Oil.

### Typical Properties of **GOODYEAR NON SLIP** Test Plaques.

MARK II	DRY	WATER	OIL	OIL/WATER
ULTRA GRIP WATER(UGW)	1.0	0.85-0.90	—	—
ULTRA GRIP OIL(UGO)	0.85	—	0.40-0.45	0.40-0.45
ULTRA GRIP ICE(UGI)	1.0	0.82	—	—

	NBS ABRASION (ASTM-1630)	TEAR kg/cm (ASTM D412-DIE C)	TENSILE kg/cm <sup>2</sup> (ASTM D412-DIE C)	OIL SWELL %
ULTRA GRIP WATER(UGW)	150	35	100	—
ULTRA GRIP OIL(UGO)	150	30	130	3
ULTRA GRIP ICE(UGI)	125	28	55	—

  

	ELONGATION % (ASTM D412-DIE C)	DUROMETER (SHORE A)	DENSITY g/cc	
ULTRA GRIP WATER(UGW)	500	52 ± 3	1.12 ± 0.02	
ULTRA GRIP OIL(UGO)	500	57 ± 3	1.18 ± 0.02	
ULTRA GRIP ICE(UGI)	500	52 ± 3	1.23 ± 0.02	01/01

NOTE: COEFFICIENT OF FRICTION GREATLY AFFECTED BY DESIGN.



**GOODYEAR** Licensee in North America and Asia for Shoe Products.

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