



PRODUCT BULLETIN

NOVITANE® • SHEETING • CONVEYOR BELTING • CUSTOM PRODUCTS

NOVITANE BELT SCRAPERS/WIPERS

NOVITANE is a polyester based polyurethane specifically formulated to provide superior abrasion resistance when compared to other elastomeric materials.

NOVITANE is ideally suited for conveyor belt scraper and wiper service applications where **severe sliding abrasion** is prevalent.

The following elastomeric materials were subjected to a Taber Abrasion Test according to ASTM D 3389, utilizing H-18 wheels, a 1000 gram load at 1000 cycles. The resulting weight loss in milligrams per revolution were as follows:

ELASTOMERS:	mg wt. loss	Wear Factor
NOVITANE CU-85	.027	—
RMA Grade II SBR Rubber 80 Duro	.356	13.2
RMA Grade II SBR Rubber 70 Duro	.369	13.7
LINATEX 60 Durometer	.388	14.4

In comparing the NOVITANE Wear Factor to other elastomeric materials commonly used as belt scrapers or wipers, you can readily see that **CU-85 NOVITANE** has **13.2 times** more wear resistance than 80 Durometer SBR Rubber. The Taber test results do not imply that the CU-85 NOVITANE will provide 13.2 times more service life than the 80 Durometer SBR Rubber compound, since many factors other than abrasion influence the scraper / wiper's ultimate service life.



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