



W-76-XD

## NEOPRENE FEATURES

### NEOPRENE TREAD SYMBOL "D" DUROMETER - SHORE 62 "A"

Superior for all floor surfaces and ergonomically designed for excellent mobility and resistance to wear. These quiet and easy rolling wheels are very shock absorbing, non-marking and will reject floor debris, roll over screws, metal or glass fragments, resin pellets and are non-staining. Darcor precision ball bearings are standard in the 20 through 70 series. Precision ball bearings "P" are recommended in the 400 series. Sizes available 2" to 8".



W-76-XSR

## NEOPRENE SUPER ROLL FEATURES

### NEOPRENE TREAD SYMBOL "SR" DUROMETER - SHORE 62 "A"

The "SR" wheels offer the same high quality as "D" wheels but with a low profile tread for easier swiveling and very low rolling resistance.

- Shore Hardness 59-63 "A" Scale
- Non marking and non staining
- Temperature ranges 300° F for 20 minutes, 175° F for 1 hour
- Highly resistant to wax, oils, greases, cleaning compounds, weather and ozone.
- Can be used on all floor surfaces
- Does not flat spot when sitting for long periods under load

\* All Darcor "D" and "SR" wheels are mold-on wheels with a neoprene tread thermally bonded to a glass fibre reinforced nylon core for exceptional strength, impact resistance and outstanding rollability.

## NEOPRENE WHEEL CHEMICAL RESISTANCE GUIDE

This table lists a broad range of fluids and chemicals which are considered compatible with our Neoprene wheel. Ratings are at 72°F unless specified otherwise. Concentrations of aqueous solutions are saturated, except where noted. Note especially that this data is based on laboratory tests and may vary in practice. Field testing is suggested to confirm these recommendations. Only those chemicals that have little or no effect on the Neoprene wheel are listed here. Other fluids may have a very minor or major effect. For information on the compatibility of other fluids contact engineering.

Acetic acid, 20%	Castor oil	Hydrochloric acid, 20%	Potassium hydroxide, dilute solutions
Acetic acid, 30%	Chlorine gas, dry	Hydrochloric acid, 37%	Sea water
Acetic anhydride	Chloroacetic acid	Hydrocyanic acid	Silicone grease
Acetone	Citric acid solutions	Hydrofluoric acid, up to 75%	Soap solutions
Acetylene	Copper chloride solutions	Hydrofluoric acid, anhydrous	Sodium chloride solutions
Aluminium chloride solutions	Copper sulfate solutions	Hydrogen	Sodium dichromate, 20%
Aluminium sulfate solutions	Cottonseed oil	Hydrogen peroxide, 90%	Sodium hydroxide, up to 23%
Ammonia, anhydrous	DOWTHERM A	Hydrogen sulfide	Sodium hydroxide, 46½%
Ammonium chloride solutions	Ethyl alcohol	Isooctane	Sodium hypochlorite, up to 20%
Ammonium hydroxide solutions	Ethylene glycol	Isopropyl alcohol	Sodium peroxide solutions
Ammonium sulfate solutions	Ferric chloride solutions	Lactic acid	Soybean oil
Amyl alcohol	Fluosilicic acid	Linseed oil	Stannic chloride
ASTM oil #1	Formaldehyde, 40%	Lubricating oils	Stannous chloride, 15%
ASTM oil #3	Formic acid	Magnesium chloride solutions	Steam
ASTM reference fuel A	FREON*-11	Magnesium hydroxide solutions	Stearic acid
Asphalt	FREON-11	Mercuric chloride solutions	Sulfur, molten
Barium hydroxide solutions	FREON-12	Mercury	Sulfur dioxide, gas
Beer	FREON-22	Methyl alcohol	Sulfur dioxide, liquid
Borax solutions	FREON-22 (130°F)	Mineral oil	Sulfuric acid, up to 60%
Boric acid solutions	FREON-113	Nitric acid, 10%	Tannic acid, 10%
Butane	FREON-113 (130°F)	Oleic acid	Tartaric acid
Butyraldehyde	FREON-114	Palmitic acid	Triethanolamine
Calcium bisulfite solutions	FREON-114 (130°F)	Phosphoric acid, 20%	Trisodium phosphate solutions
Calcium chloride solutions	Furfural	Phosphoric acid, 60%	Tung oil
Calcium hydroxide solutions	Gasoline	Phosphoric acid, 70%	Water
Calcium hypochlorite, up to 20%	Glue	Phosphoric acid, 85%	Zinc chloride solutions
Carbon dioxide	Glycerin	Pitric acid	
Carbon monoxide	n-Hexane	Potassium dichromate solutions	

WHEEL DIAMETER	TREAD WIDTH	LOAD CAP./LBS	BALL BEARING	ROLLER BEARING	PRECISION SEALED BALL BEARING	BORE SIZE	HUB LENGTH	USED IN CASTER SERIES
<b>NEOPRENE WHEELS</b>								
2"	1"	75	W-22-XD			5/16"	1-1/8"	20 ETERNITY 2
2"	1"	150	W-32-XD			5/16"	1-1/8"	30
3"	1"	75	W-53-XD			5/16"	1-1/8"	CARPET MASTER
3"	1"	75	W-23-XD			5/16"	1-1/8"	20
3"	1-3/8"	200	W-63-XD			3/8"	1-1/2"	60
3"	1-3/8"	225	W-73-XD			3/8"	1-3/4"	70
3-1/2"	1-3/8"	200	W-63.5-XD			3/8"	1-1/2"	60
4"	1"	75	W-24-XD			5/16"	1-1/8"	20
4"	1-3/8"	225	W-64-XD			3/8"	1-1/2"	60
4"	1-3/8"	250	W-74-XD			3/8"	1-3/4"	70
4"	2"	400/500		W-404-TD	W-404-PD	1/2"	2-5/16"	400
5"	1"	75	W-25-XD			5/16"	1-1/8"	20
5"	1-3/8"	250	W-65-XD			3/8"	1-1/2"	60
5"	1-3/8"	275	W-75-XD			3/8"	1-3/4"	70
5"	2"	450/550		W-405-TD	W-405-PD	1/2"	2-5/16"	400
6"	1-5/8"	300	W-76-XD			3/8"	1-3/4"	70
6"	2"	500/600		W-406-TD	W-406-PD	1/2"	2-5/16"	400
8"	2"	500/600		W-408-TD	W-408-PD	1/2"	2-5/16"	400
<b>SUPER ROLL NEOPRENE WHEELS</b>								
2-1/2"	1"	75	W-22.5-XSR			5/16"	1-1/8"	20
2-1/2"	1"	150	W-32.5-XSR			5/16"	1-1/8"	30
2-1/2"	1-3/8"	175	W-62.5-XSR			3/8"	1-1/2"	60
3-1/2"	1-3/8"	225	W-63.5-XSR			3/8"	1-1/2"	60
4"	1-3/8"	225	W-64-XSR			3/8"	1-1/2"	60
4"	1-3/8"	300	W-74-XSR			3/8"	1-3/4"	70
5"	1-3/8"	275	W-65-XSR			3/8"	1-1/2"	60
5"	1-3/8"	350	W-75-XSR			3/8"	1-3/4"	70
6"	1-1/2"	400	W-76-XSR			3/8"	1-3/4"	70

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