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Exclusive Distributor for
Nitto Jushi Kogyo Co. Ltd.
Manufacturers of **CLAREX®**

Weatherall Equipment & Instruments Ltd.
Unit 1, Station Approach, Wendover, Bucks.
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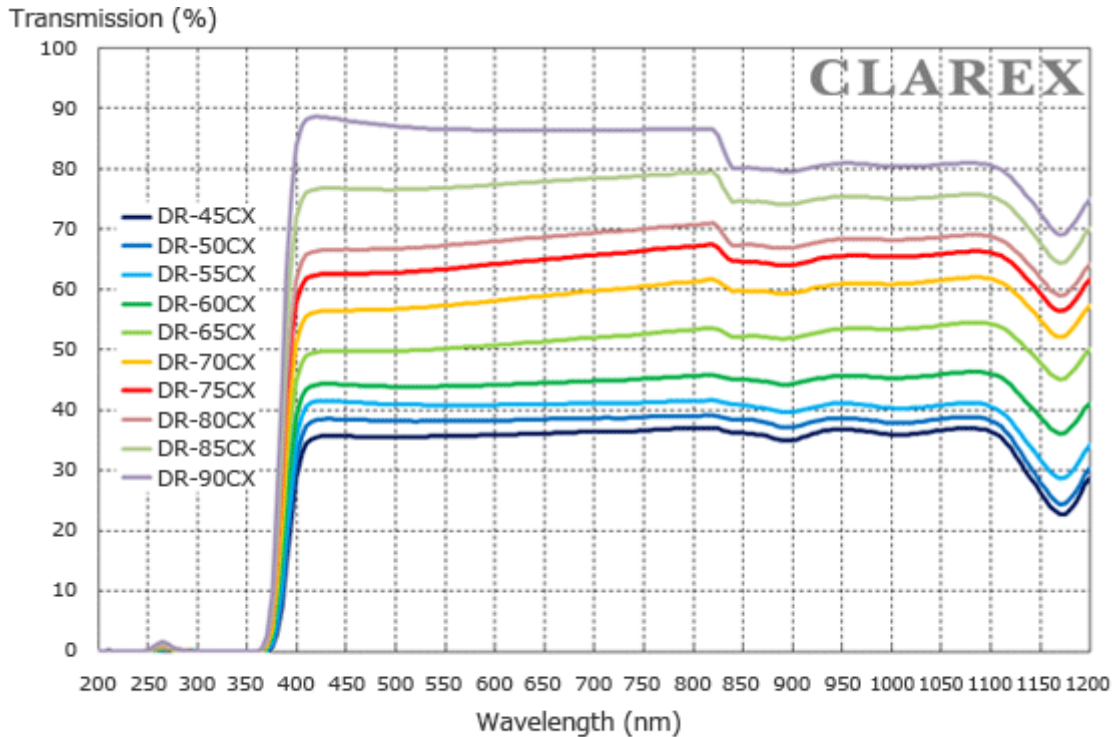
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Clarex Light Diffuser DR-III CX

CLAREX DR-III CX is an optical light diffusion filter combining light transmission with uniformly controlled diffusion.

Features:

- Excellent Light Diffusion and Uniformity adaptable to any backlit display.
- Wide range of Transmission (45%~93%) independent of thickness
- High Colour Temperature (6750K).
- Prevent Interference Fringes and Newton Rings.
- Excellent Weather resistance
- Blocks UV Ray
- Available wide range of thickness (0.3 ~ 2.0mm).



※ These are our experimental measured values in 2.0mm thick.

Value provided cannot be guaranteed in your application due to circumstances beyond our control.

| Grade No. | Total Light Transmission | Diffuse Light Transmission | Parallel Light Transmission | Haze |
|-----------|--------------------------|----------------------------|-----------------------------|------|
| DR-45CX | 45 % | 43 % | 2 % | 96 % |
| DR-50CX | 50 % | 48 % | 2 % | 96 % |
| DR-55CX | 55 % | 53 % | 2 % | 96 % |
| DR-60CX | 60 % | 58 % | 2 % | 96 % |
| DR-65CX | 65 % | 62 % | 3 % | 96 % |
| DR-70CX | 70 % | 67 % | 3 % | 96 % |
| DR-75CX | 75 % | 72 % | 3 % | 96 % |
| DR-80CX | 80 % | 77 % | 3 % | 96 % |
| DR-85CX | 85 % | 81 % | 4 % | 96 % |
| DR-90CX | 90 % | 86 % | 4 % | 96 % |
| DR-93CX | 93 % | 86 % | 7 % | 92 % |

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Available Sizes and Thickness:

| Grade | Size | Available Thickness |
|---------|-----------|--|
| DR-45CX | 400x550mm | 2.0mm |
| DR-50CX | 400x550mm | 2.0mm, 1.5mm |
| DR-55CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm. |
| DR-60CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm, 0.6mm. |
| DR-65CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm, 0.6mm, 0.5mm, 0.4mm. |
| DR-70CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm, 0.6mm, 0.5mm, 0.4mm. |
| DR-75CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm, 0.6mm, 0.5mm, 0.4mm. |
| DR-80CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm, 0.6mm, 0.5mm, 0.4mm, 0.3mm |
| DR-85CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm, 0.6mm, 0.5mm, 0.4mm, 0.3mm |
| DR-90CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm, 0.6mm, 0.5mm, 0.4mm, 0.3mm |
| DR-93CX | 400x550mm | 2.0mm, 1.5mm, 1.0mm, 0.8mm, 0.6mm, 0.5mm, 0.4mm, 0.3mm |

Please contact us if you require another thickness or size.

Applications:

- Optical Filters / Sensor Filters / Display Protection Window / Medical / Microfluidics
- Bespoke machining and printing available according to the customer's drawings or specification.