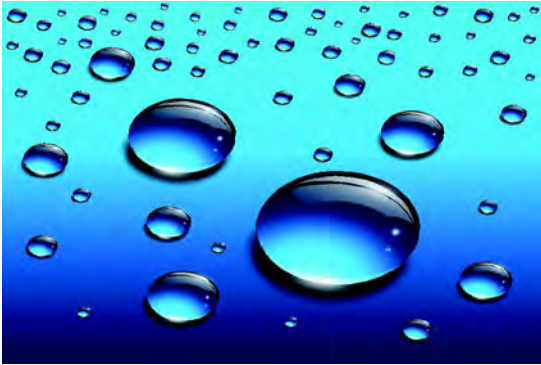




PrintFree[®] and HD PrintFree[™]



Key Features

- Outstanding Anti-Smudge Performance
- Unsurpassed Durability
- Low Reflected Brightness

Applications

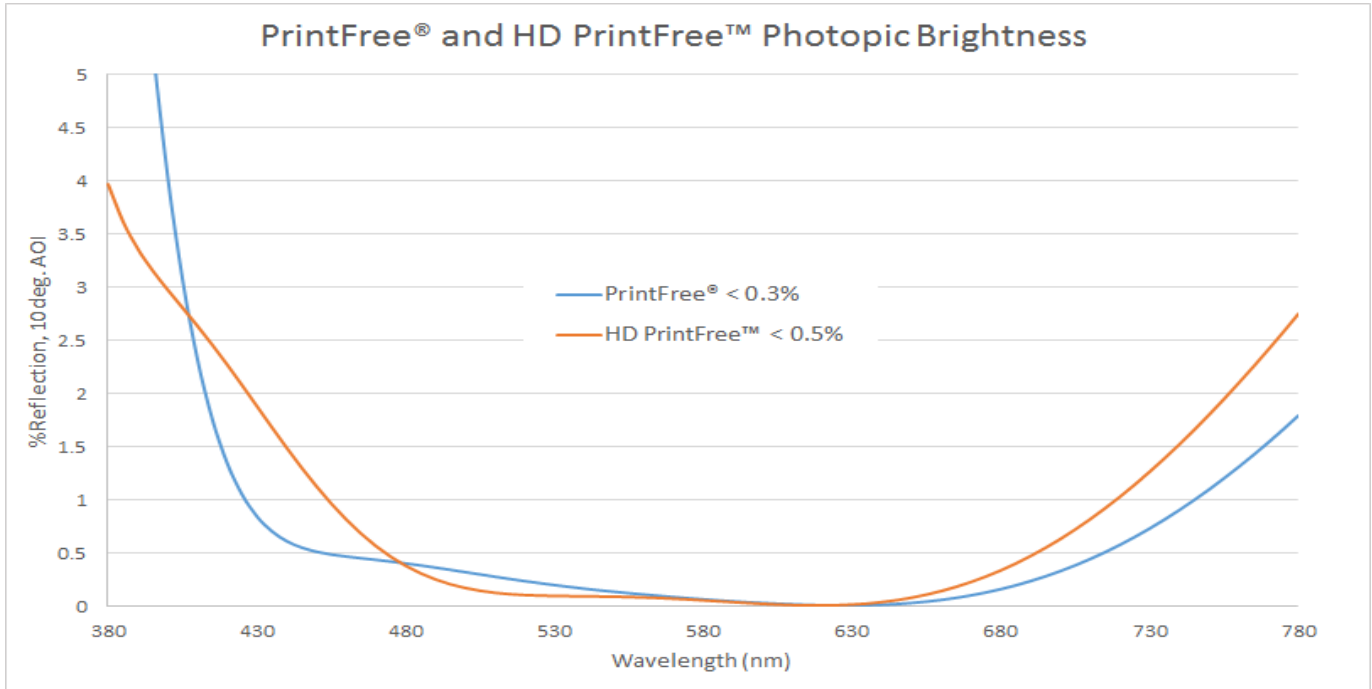
- Touch Screens
 - Automotive
 - Avionics / Defense
 - Industrial
 - Medical
 - Consumer

MAC Thin Films, Inc. PrintFree[®] and High Durability PrintFree[™] enable best-in-class anti-reflection coatings combined with a superior anti-smudge, easy to clean oleophobic treatment. These products are well suited for demanding display applications that benefit from having:

- PrintFree[®] Brightness < 0.3%
- HD PrintFree[™] Brightness < 0.5%
- Rub resistance exceeding 1,000,000 cheese cloth strokes (HD PrintFree[™])
- Easy cleanability - Excellent Haptics
- Sheet sizes up to 25" x 32" and glass thicknesses from 0.55mm to 6mm

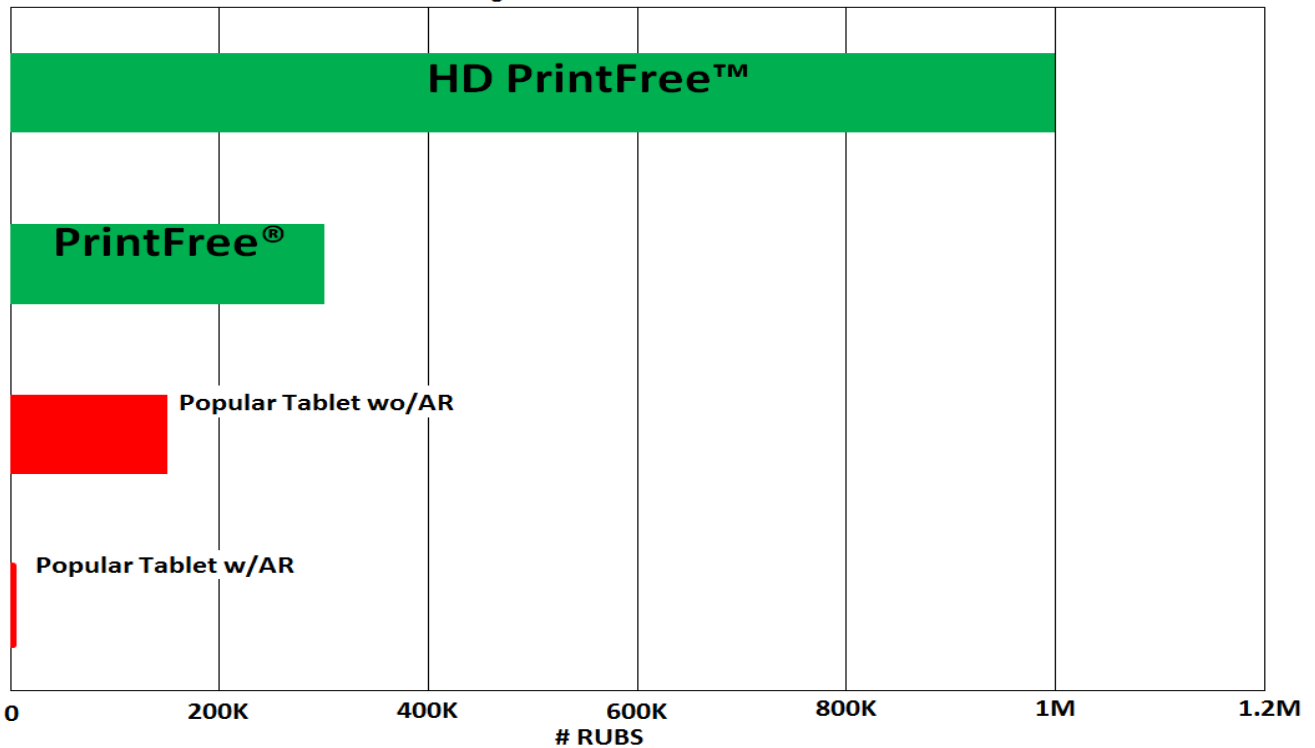
Product	Brightness	High Temp / High Humidity	Salt Fog	Solubility	Cheese Cloth Rubs	Steel Wool Rubs
PrintFree [®] HEA	< 0.3%	>10 day	N/A	1 day	300K rubs	20
HD PrintFree [™]	< 0.5%	>28 day	7 days	14 days	1M rubs	10,000

Best In Class Brightness



Oleophobic Durability

Contact Angle of Water >90° After Cheesecloth Rubs



For ordering or additional product information, please contact us. www.macthinfilms.com