

Developing the Next- Generation Space Suit for the Moon and Mars



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Thermal microencapsulated garment cover (outer fabric)

Microencapsulated phase change material

Thermal microencapsulated garment insulation (middle layer aluminum Mylar)

Thermal microencapsulated garment insulation (middle layer aluminum Mylar)

Liquid Cooling Garment (inner fabric)

Thermal microencapsulated garment liner (innermost layer)

Release Cloth

Release garment bladder (outermost layer)

























Photo: Ross Lockwood
Disclaimer: Not a real space suit!





THE MARTIAN

Credit: 20th Century Fox
Disclaimer: Not a real space suit!

A suit made for moon walking

Swimming in American flag pattern at the later version. Redwood Series 2000 is protected from the inside environment by a 27 layer waterproof inside thermal coating of material developed by the Foot.





AMERICA'S MOST ACTIVE WOMEN CHOOSE PLAYTEX PARTY GHOULE!

It shows and tells—gently with smiling lips, throat, chest, all women fashion!

The Playtex Party Ghoul is a new, modern, and stylish garment that is perfect for the active woman. It is made of a soft, comfortable material and is designed to flatter the figure.

It is a garment that is perfect for the active woman. It is made of a soft, comfortable material and is designed to flatter the figure.



Playtex Party Ghoul is a new, modern, and stylish garment that is perfect for the active woman. It is made of a soft, comfortable material and is designed to flatter the figure.



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INTRODUCING

Playtex *living* Bra

New...the designers who performed such miracles with Playtex Girdles
bring you an exciting new bra of elastic and nylon!



*Exclusive
criss-cross sides
self-adjust
for Fabulous Fit!*

*Sculptured Nylon
gently
cups and up!*

*Criss-cross elastic
front dips low,
divines divinely!*

*Elastic back
sets lower
and stays lower!*









continued. The research will

WE CAN'T HOLD AN EFFECTIVE MEETING

[illegible]













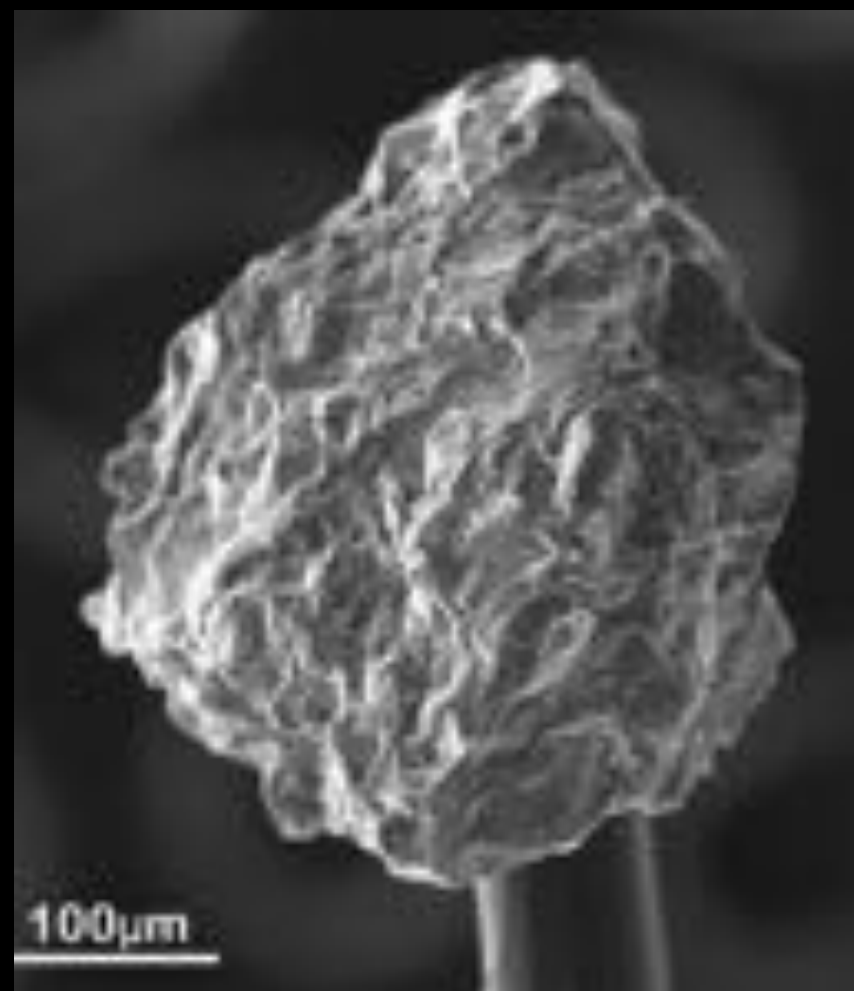
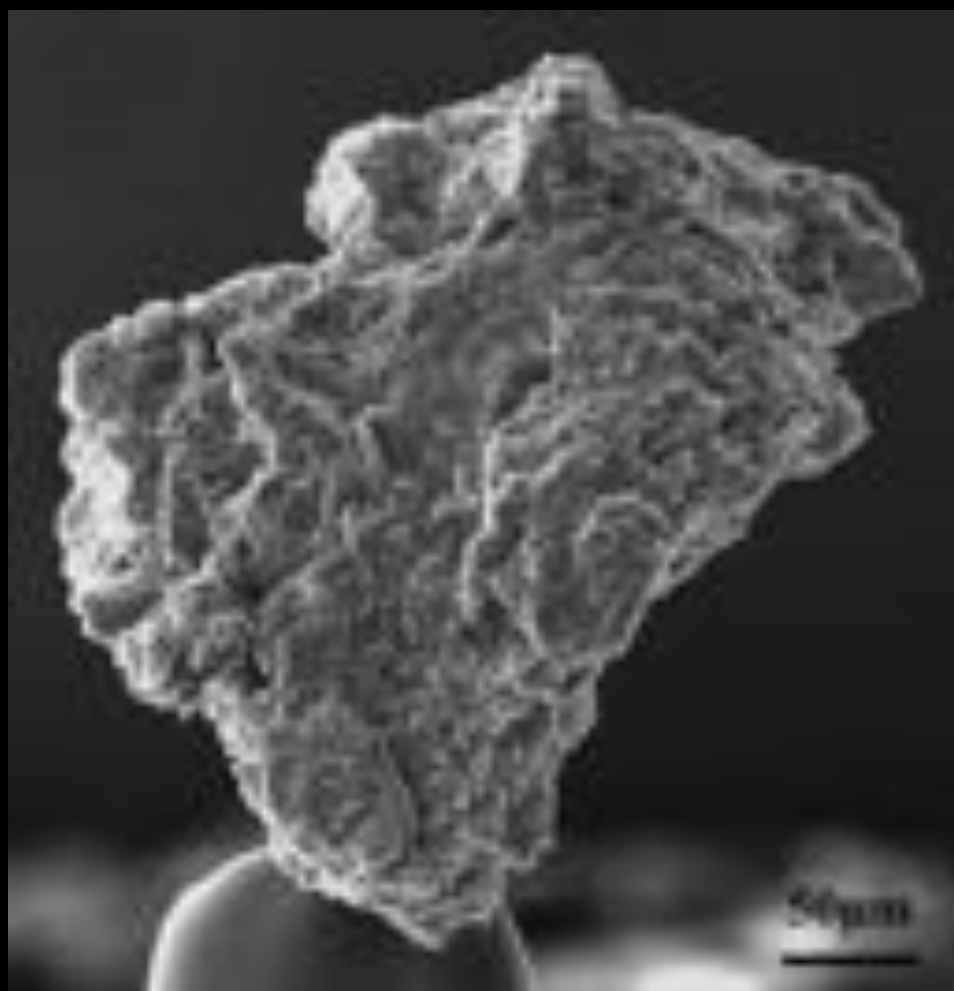


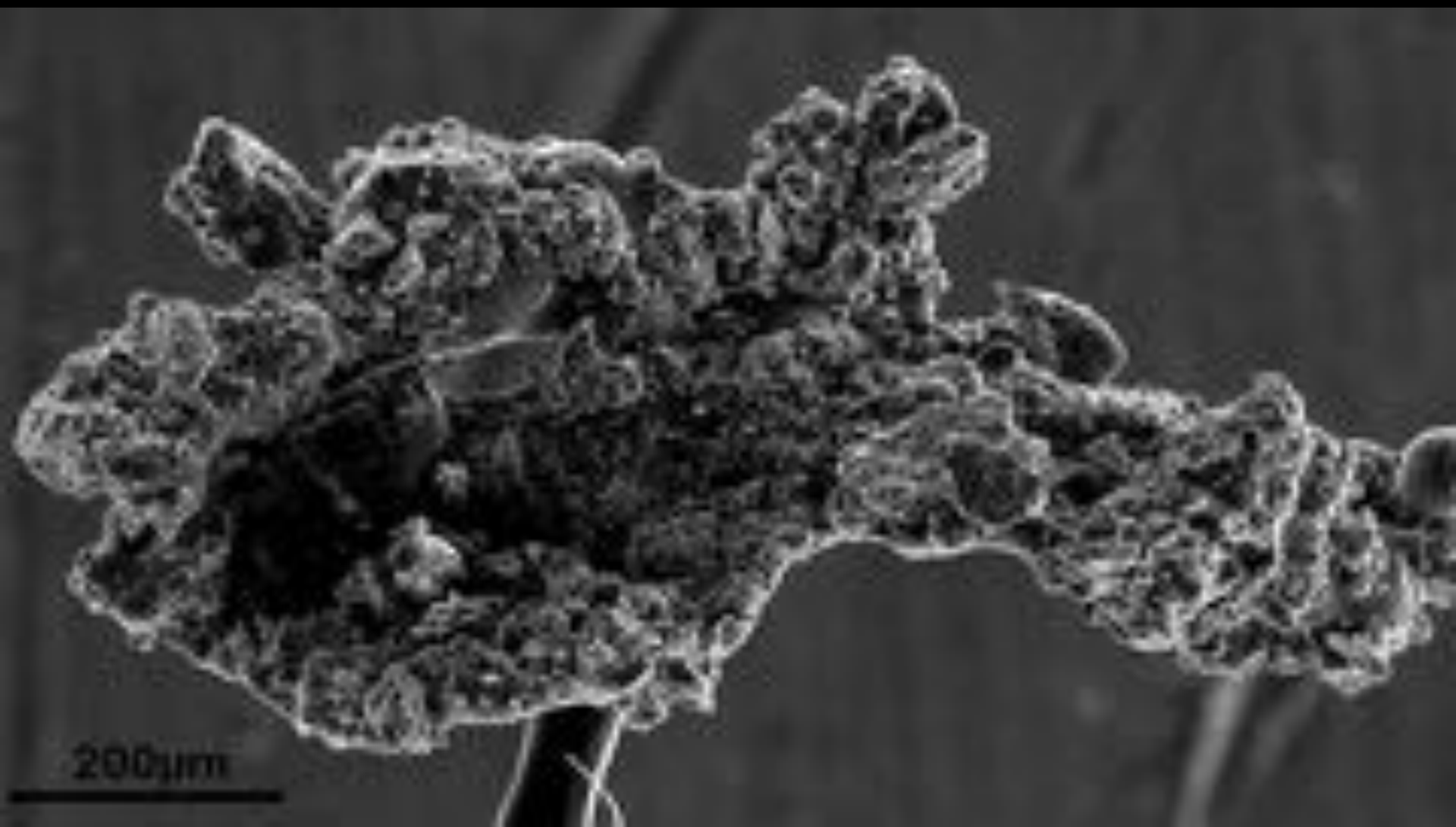


























200 μm

EDT = 1.50 kV

WD = 5.7 mm

Mag = 50.0x

Signal A = 50.2 mm = 2.311 mm

Reference Mag = Polaroid 541

Orbital Position 4.37

Date: 13 Sep 2016

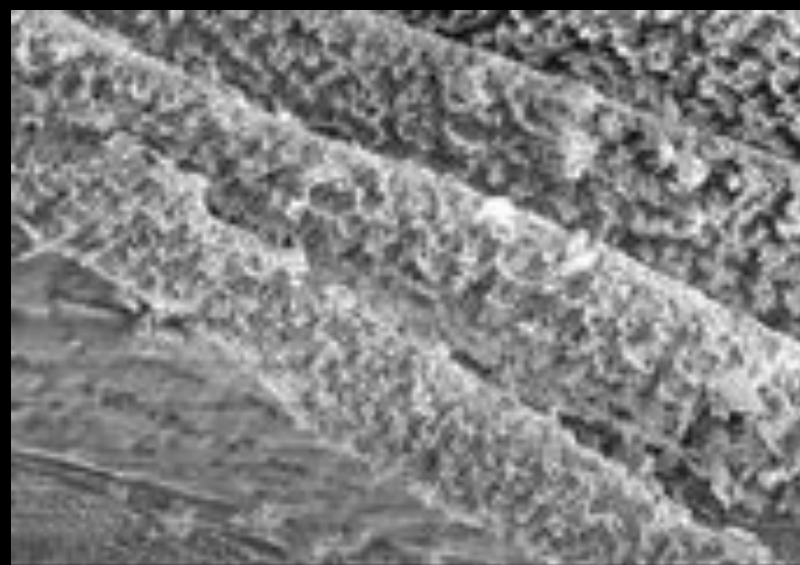
Chamber = 6.00e-003 Pa

Vacuum Mode = High Vacuum



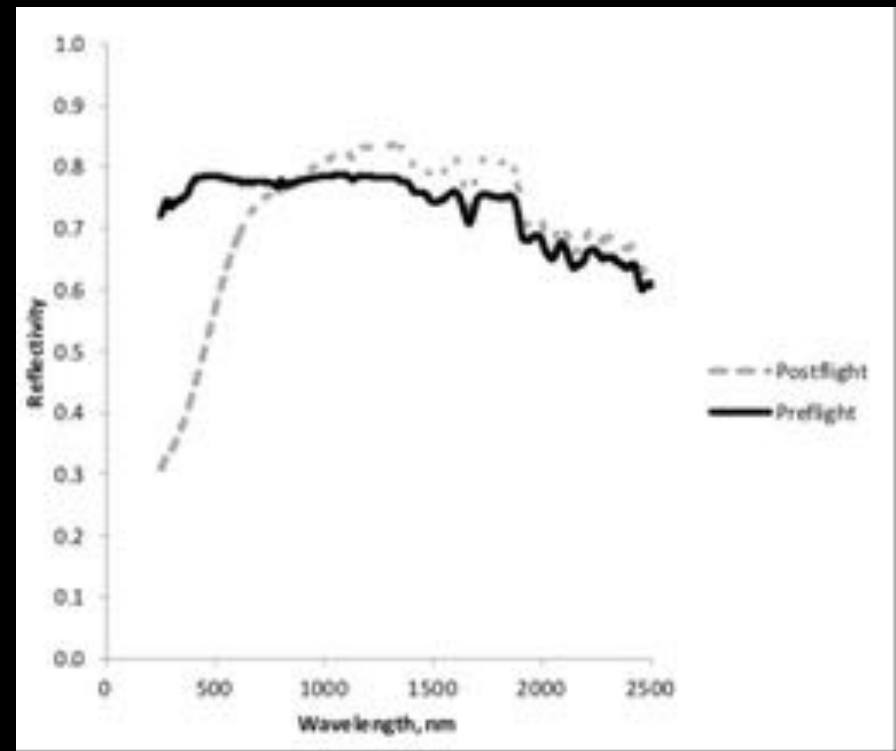
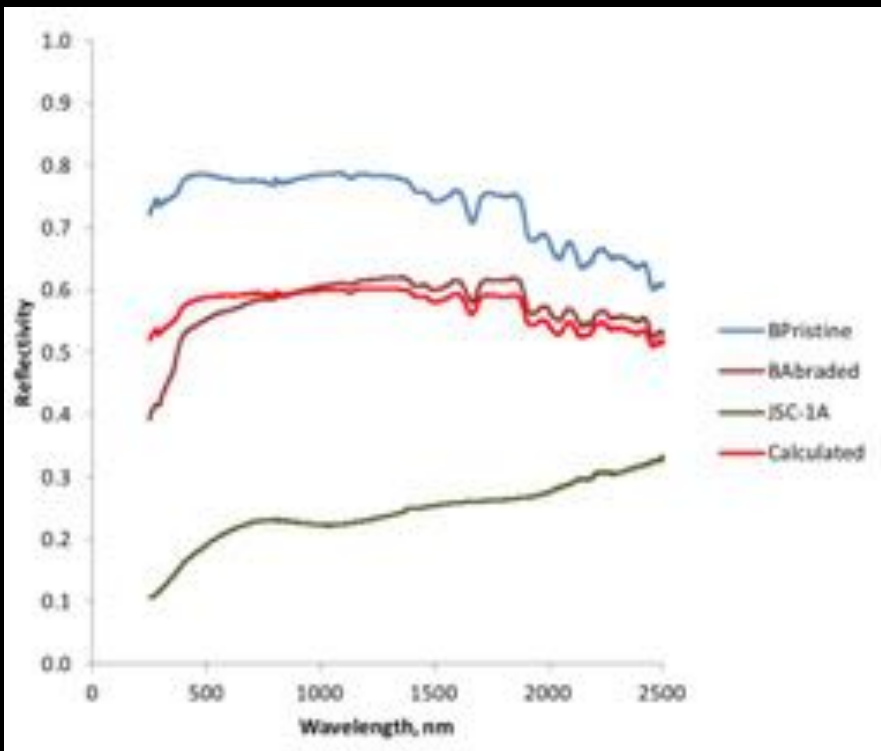


DA-5center 1.0kV 14.0mm x2.50k SE(M) 9/23/2011 20.0um



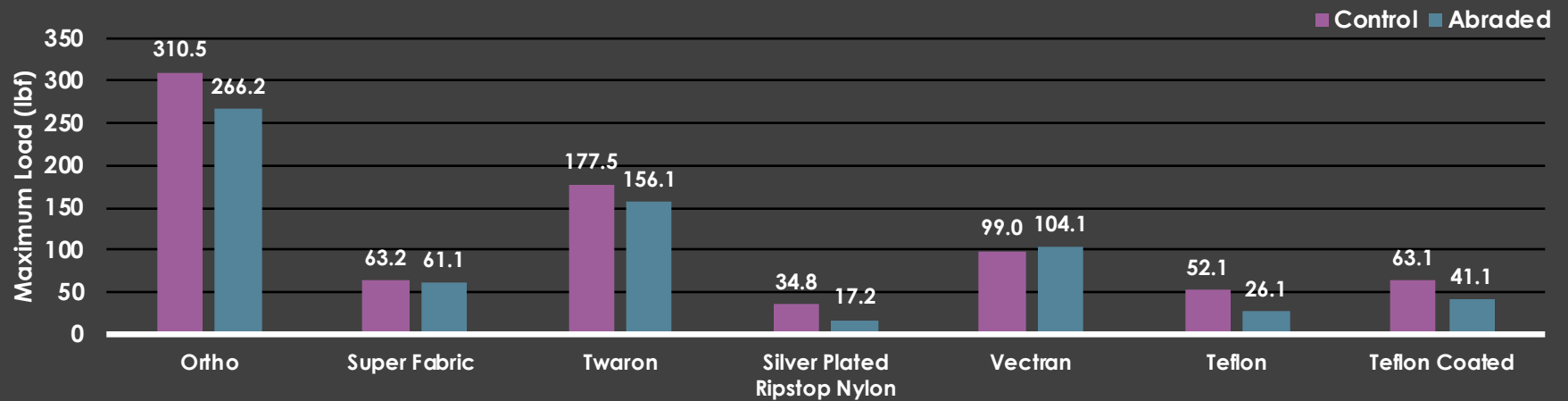
DA-5center 1.0kV 14.1mm x2.50k SE(M) 9/23/2011 20.0um





Per ASTM D5035

Break Force





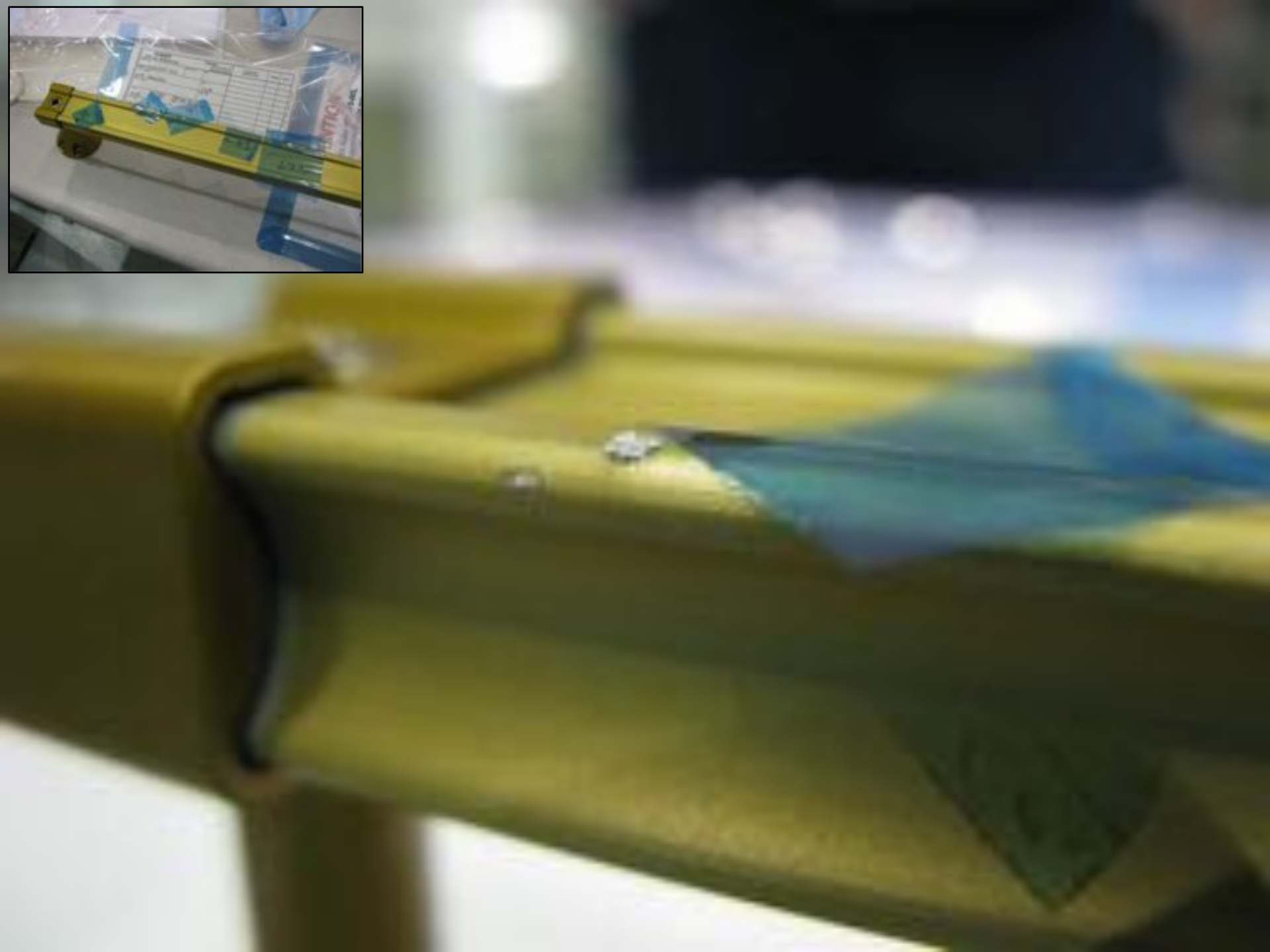
- ▶ Dust EPG features? (Ben)















Credit: Warner Brothers







JOURNEY TO MARS





Scale: ~1:100,000,000























You are here







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All uncredited photos
Credit NASA



