



design|craft
volume three
heavy fabrics

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Fabrics – A focal point of design, a challenge for 3D visualization.

The importance of fabrics in interior design, as well as our lives as a whole, cannot be overstated. Today, fabrics are fundamental in defining the character of interior spaces as much as they define our perception of people. Fabrics combine style and functionality, and are manufactured in countless varieties. All that makes them an essential focal point of design, but also poses a challenge for anyone working in 3D visualization.

Fabrics possess complex surfaces, joining organic structures in regular patterns, while their appearance is strongly influenced by their specular as well as translucent characteristics. Well-made fabric textures are essential to be able to digitally reproduce this complexity and to achieving photo-real results.

This collection offers 50 fabric textures within a broad range of types and styles. We mostly focused on standard types to create textures with great versatility that can be easily customized for various purposes.

Beside a range of color variations, each texture consists of maps containing information to normals, surface height, reflectivity, translucency, opacity – all essential for realistic rendering results. In addition, some materials also include an anisotropy maps.

Specially developed software was used to trace and rectify the weave structure to produce a fibre-accurate match along the seam edges. This results in invisible seams – even when viewed up close.

We have included ready-to-use material setups for Corona Renderer™ (for 3ds Max™ 2020+). There are four different material versions for every texture: Normal mapping with/without translucency, as well as Displacement mapping with/without translucency.

For more information, please visit
www.arroway-textures.com/products/designcraft-3

Close-up

mortar

palm green

stone

bismark

kenyan copper

storm gray

nutmeg

loulou

clay

chicago

espresso

bisonhide

derby

americano

tobacco

Demo

Basket Weave / fabric-001

Design|Craft Vol. 3 - Disk #1

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.2mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

THUWAVE®
TEXTURES

Close-up



Demo



Basket Weave / fabric-002

Design|Craft Vol. 3 - Disk #1



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.0mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Bouclé, Stripes / fabric-003

Design|Craft Vol. 3 - Disk #1

Close-up

madras

cigar

makara

marocco

zeus

korma

el paso

pohutukawa

dove

parsley

melanzane

tangaroa

black

bossanova

camelot

Demo

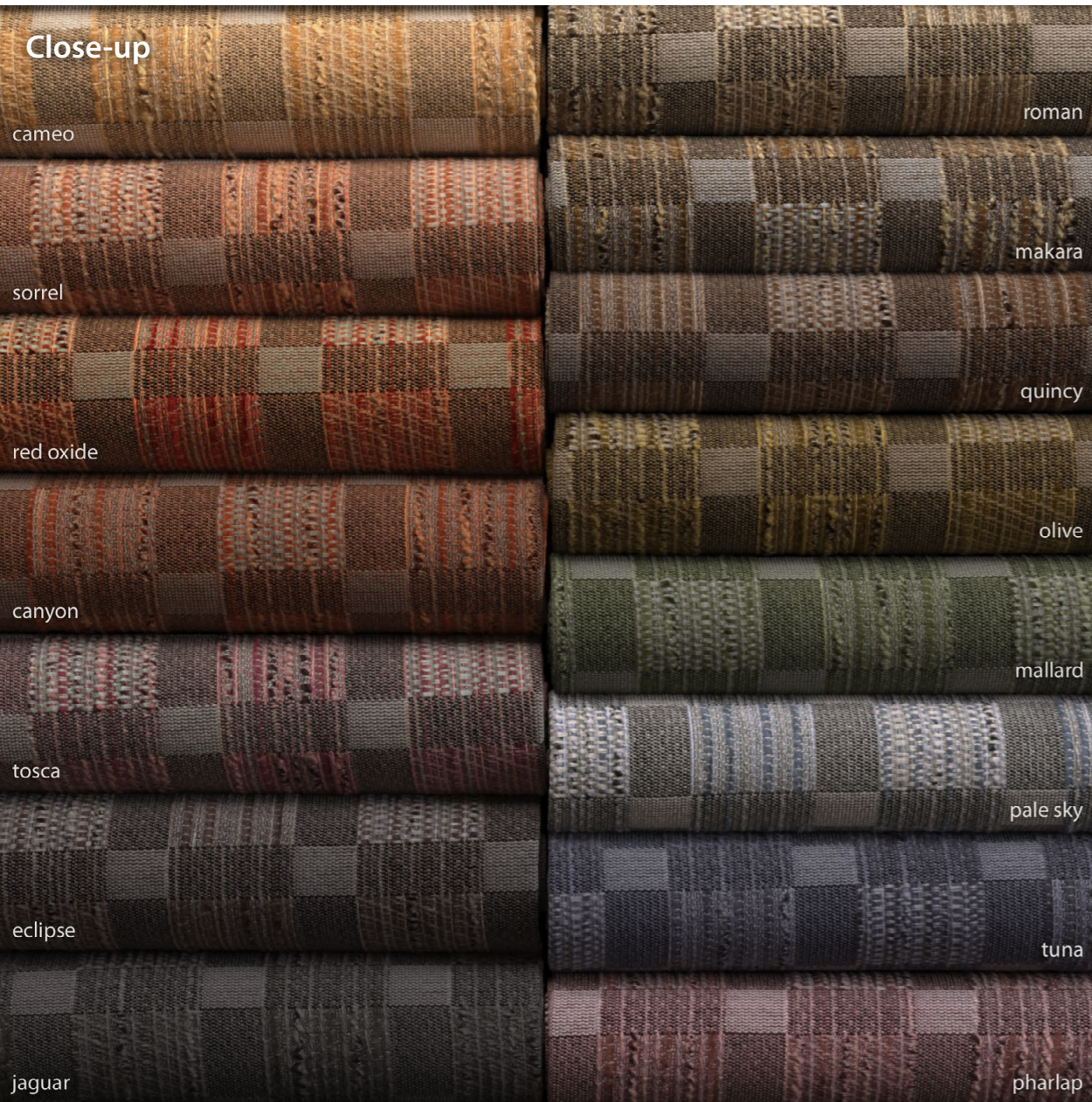
Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.5mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway
textures

Close-up

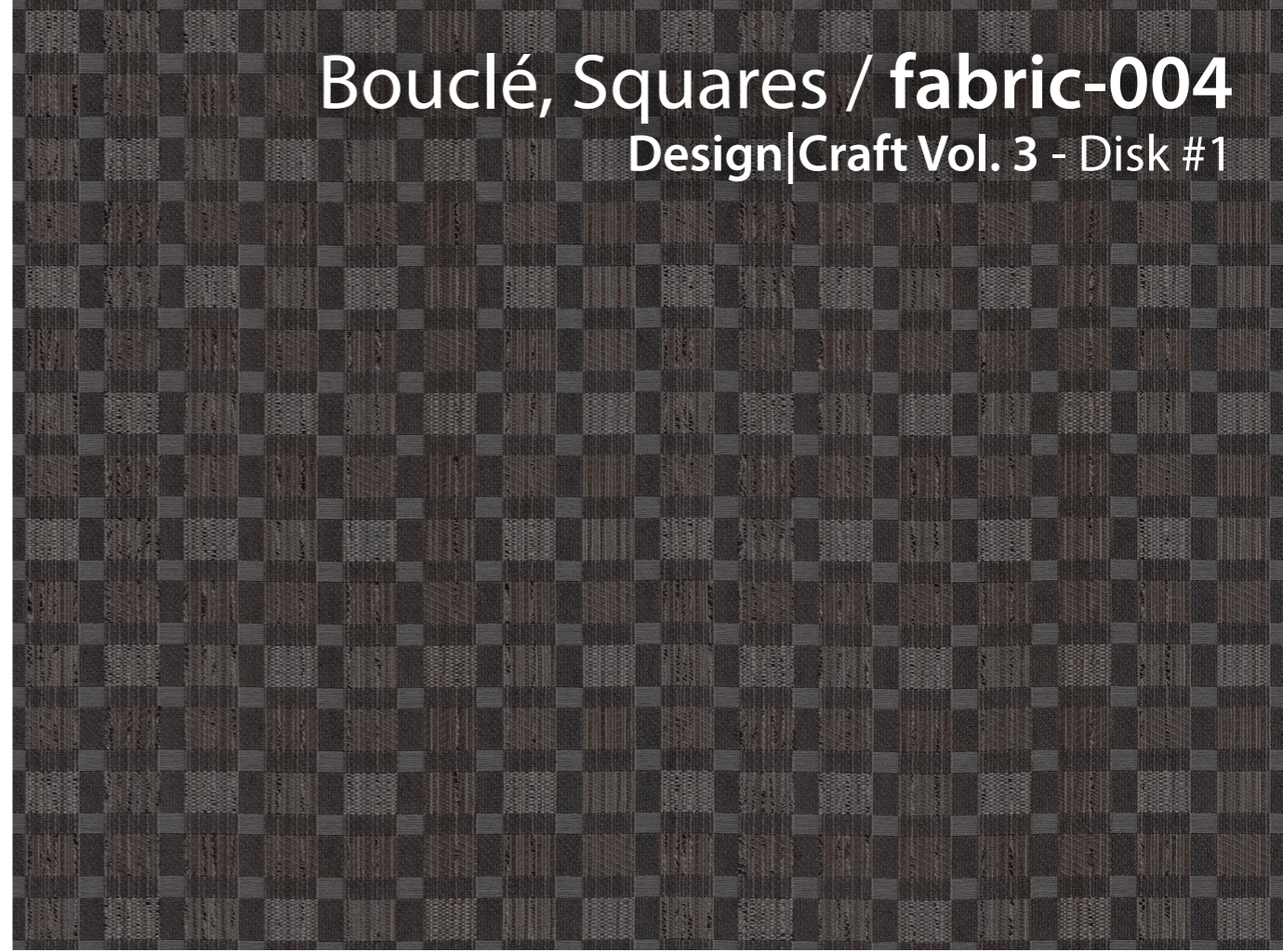


Demo



Bouclé, Squares / fabric-004

Design|Craft Vol. 3 - Disk #1



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.5mm),
Specularity (IOR/nd 1.5), Translucency

Close-up

brown slate

silver

white

cream

stone

truffle

iron

aubergine

mulberry

chili

blue

teal

duckegg

slate

black

Demo

Canvas Weave / fabric-005

Design|Craft Vol. 3 - Disk #1

Maps

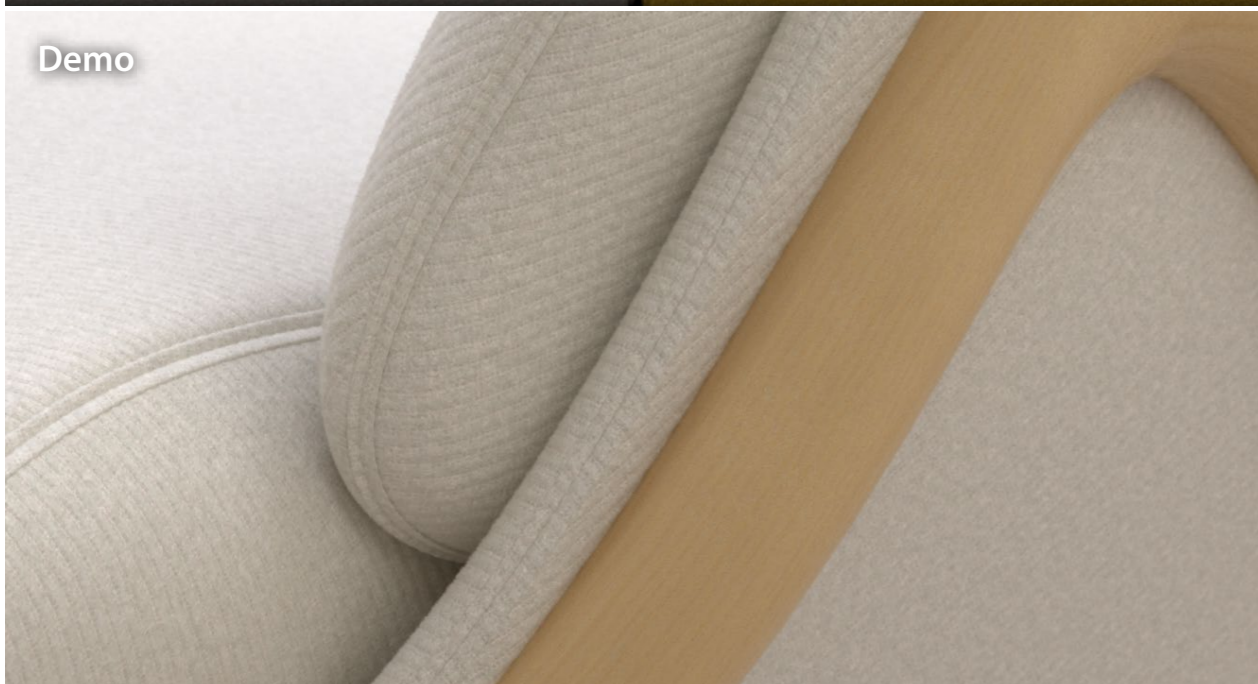
1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.6mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

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textures

Chenille Twill / fabric-006

Design|Craft Vol. 3 - Disk #2



Maps

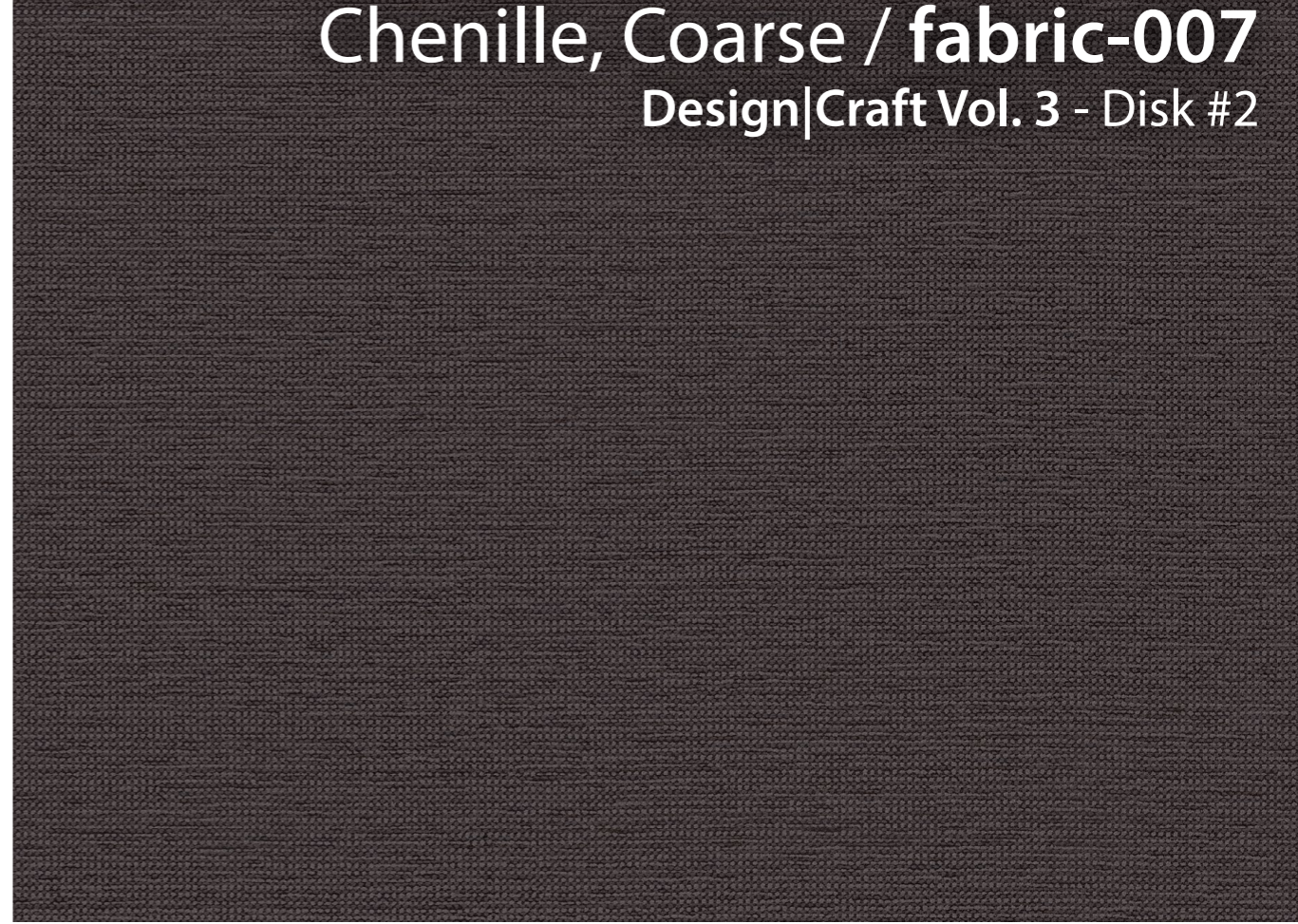
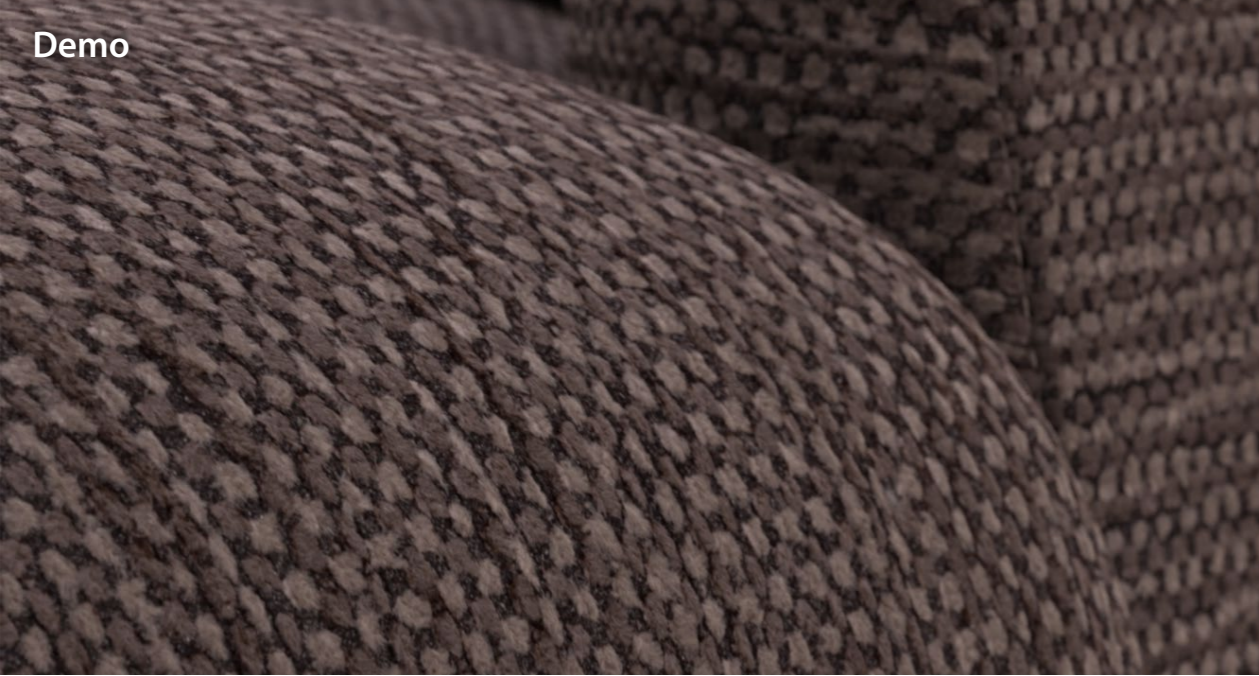
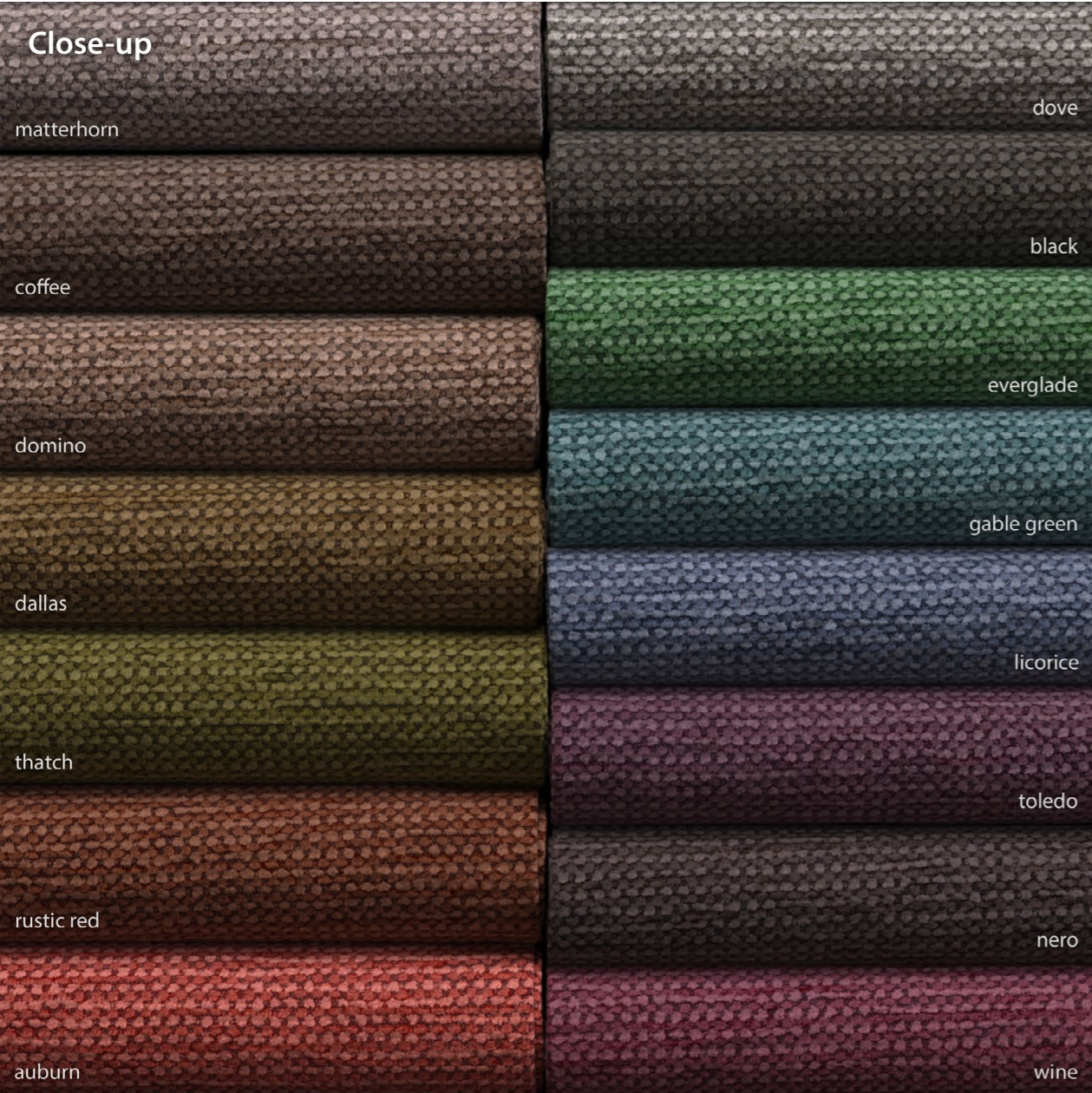
1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.3mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway®
textures

Chenille, Coarse / fabric-007

Design|Craft Vol. 3 - Disk #2



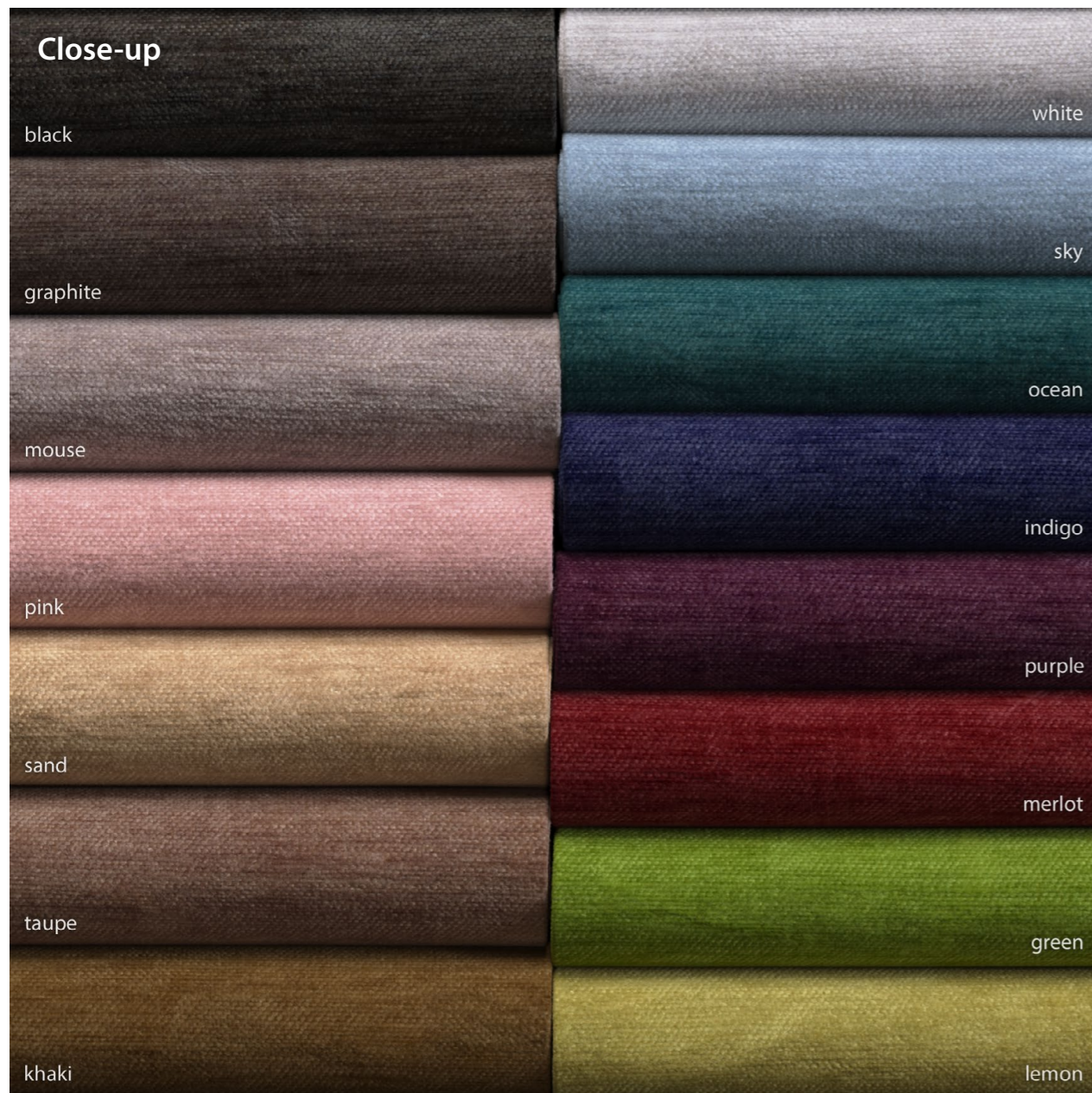
Maps
1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.1mm),
Specularity (IOR/nd 1.5), Translucency, Opacity



Chenille, Fine / fabric-008

Design|Craft Vol. 3 - Disk #2



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.5mm),
Specularity (IOR/nd 1.5), Translucency

arroway[®]
textures

Corduroy, Cotton / fabric-009

Design|Craft Vol. 3 - Disk #2



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (20), Normal (2), Bump (Depth 0.5mm),
Specularity (IOR/nd 1.5), Translucency

arroway[®]
textures

Corduroy, Wool / fabric-010

Design|Craft Vol. 3 - Disk #2



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.6mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Close-up

black

gray

silver

navy

white

turquoise

purple

gold

burgundy

sage

red

ivory

fuchsia

taupe

brown

Demo

Damask / fabric-011

Design|Craft Vol. 3 - Disk #2

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.4mm),
Specularity (IOR/nd 1.5), Translucency, Opacity,
Anisotropy Angle, Anisotropy Value

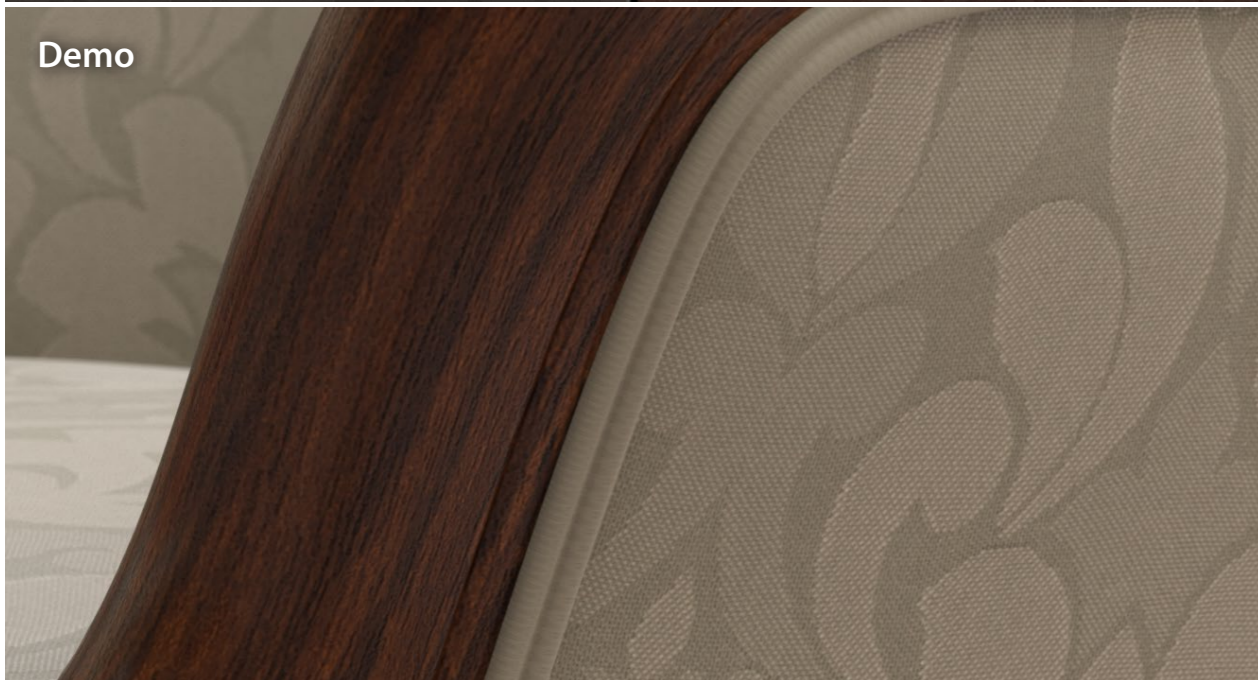
arroway®
textures

Damask / fabric-012

Design|Craft Vol. 3 - Disk #2



Demo



Maps

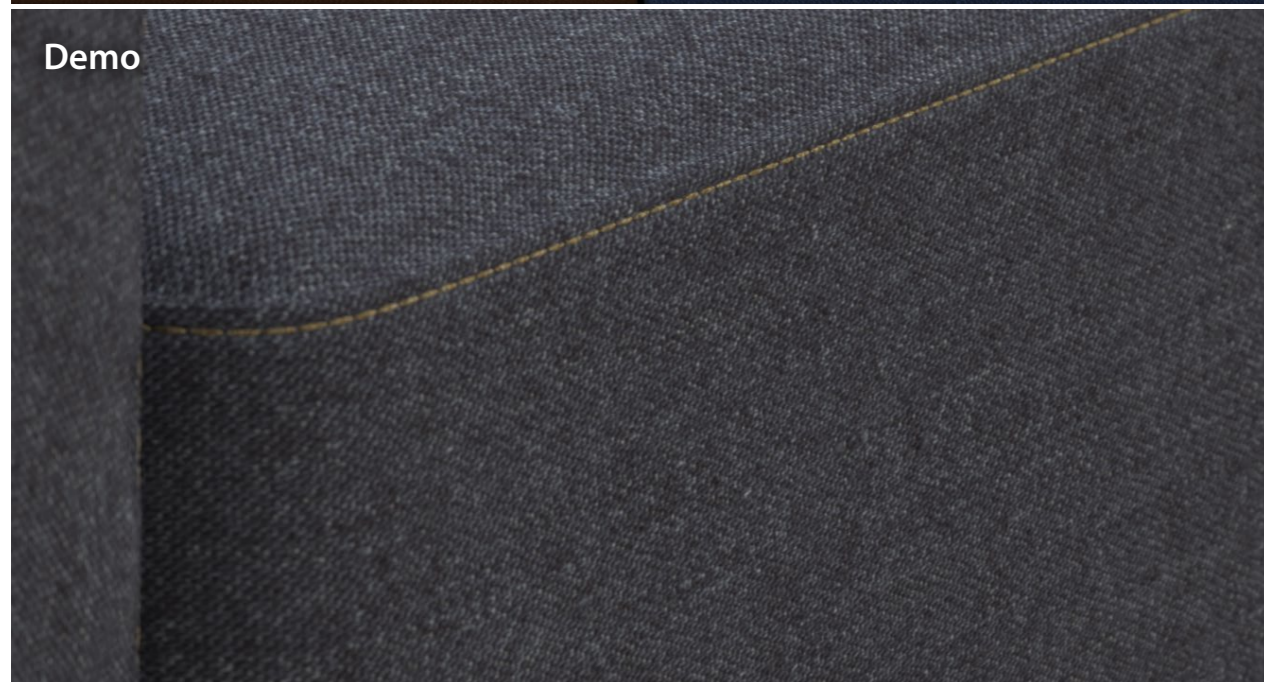
1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (20), Normal (2), Bump (Depth 0.3mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway®
textures

Denim, Plain / fabric-013

Design|Craft Vol. 3 - Disk #3



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.4mm),
Specularity (IOR/nd 1.5)

arroway[®]
textures

Denim, Pattern Print / fabric-014

Design|Craft Vol. 3 - Disk #3

Close-up



Demo



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.5mm),
Specularity (IOR/nd 1.5), Translucency

arroway®
textures

Faux Suede / fabric-015

Design|Craft Vol. 3 - Disk #3



Maps

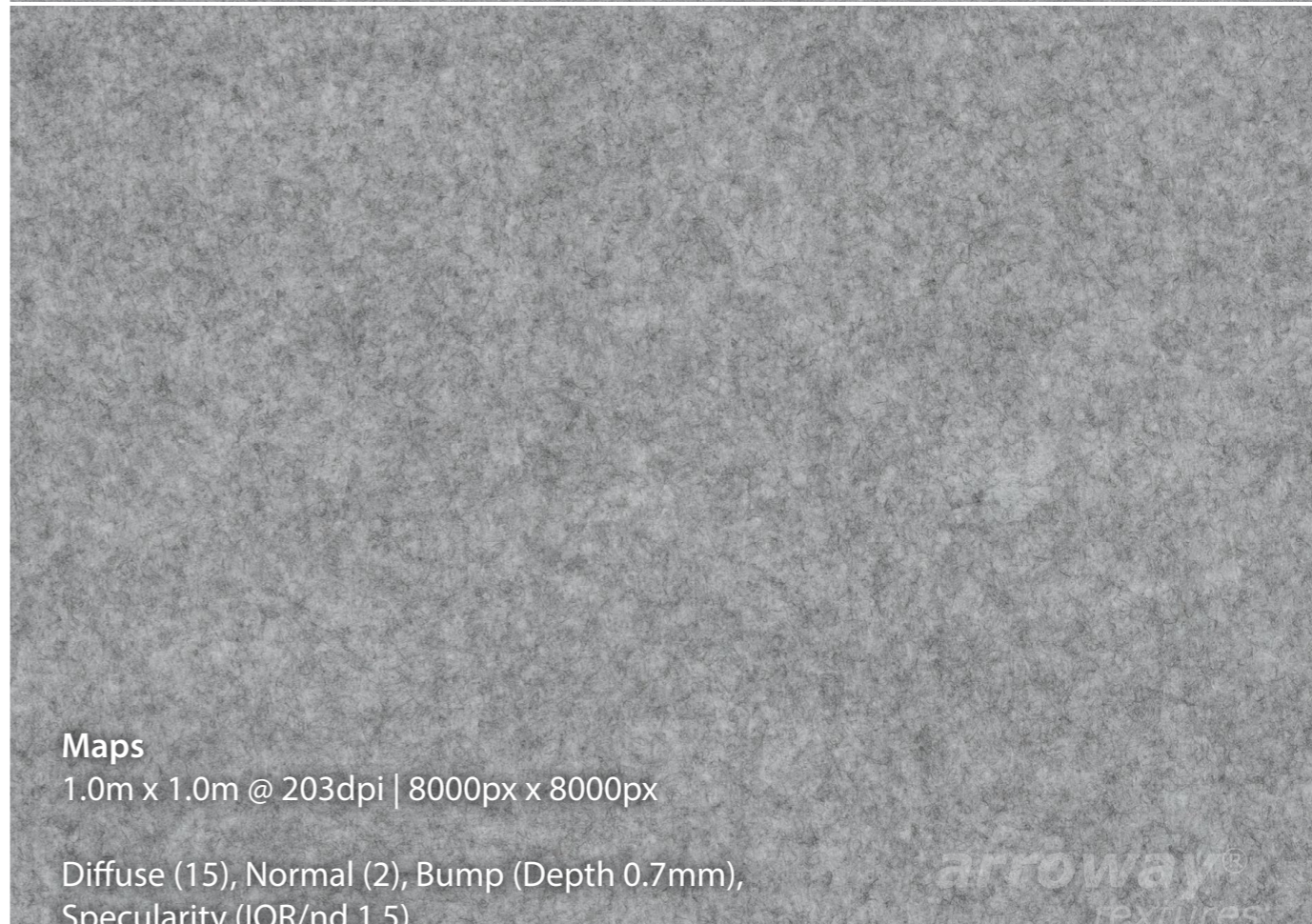
1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.2mm),
Specularity (IOR/nd 1.5)

arroway®
textures

Felt / fabric-016

Design|Craft Vol. 3 - Disk #3



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.7mm),
Specularity (IOR/nd 1.5)

Felt, Wool / fabric-017

Design|Craft Vol. 3 - Disk #3



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.1mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Hessian / fabric-018

Design|Craft Vol. 3 - Disk #3

Close-up

chocolate

white

derby

spectra

leaf

gulf blue

moleskin

baltic

beige

plum

cement

dolphin

black

amethyst

sienna

Demo

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.4mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Close-up

regal blue

manatee

steel gray

riverbed

chicago

black

white

amaranth

fallow

quincy

tundora gray

coffee

woodburn

spice

granite green

Demo

Jacquard, Brocade / fabric-019

Design|Craft Vol. 3 - Disk #3

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.6mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Jacquard, Diamond / fabric-020

Design|Craft Vol. 3 - Disk #3

Close-up

milano

gold

auburn

marlin

creek

zodiac

bronco

haiti

mist

tolopea

acadia

matisse

bokara

sherwood

derby

Demo

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.2mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Close-up

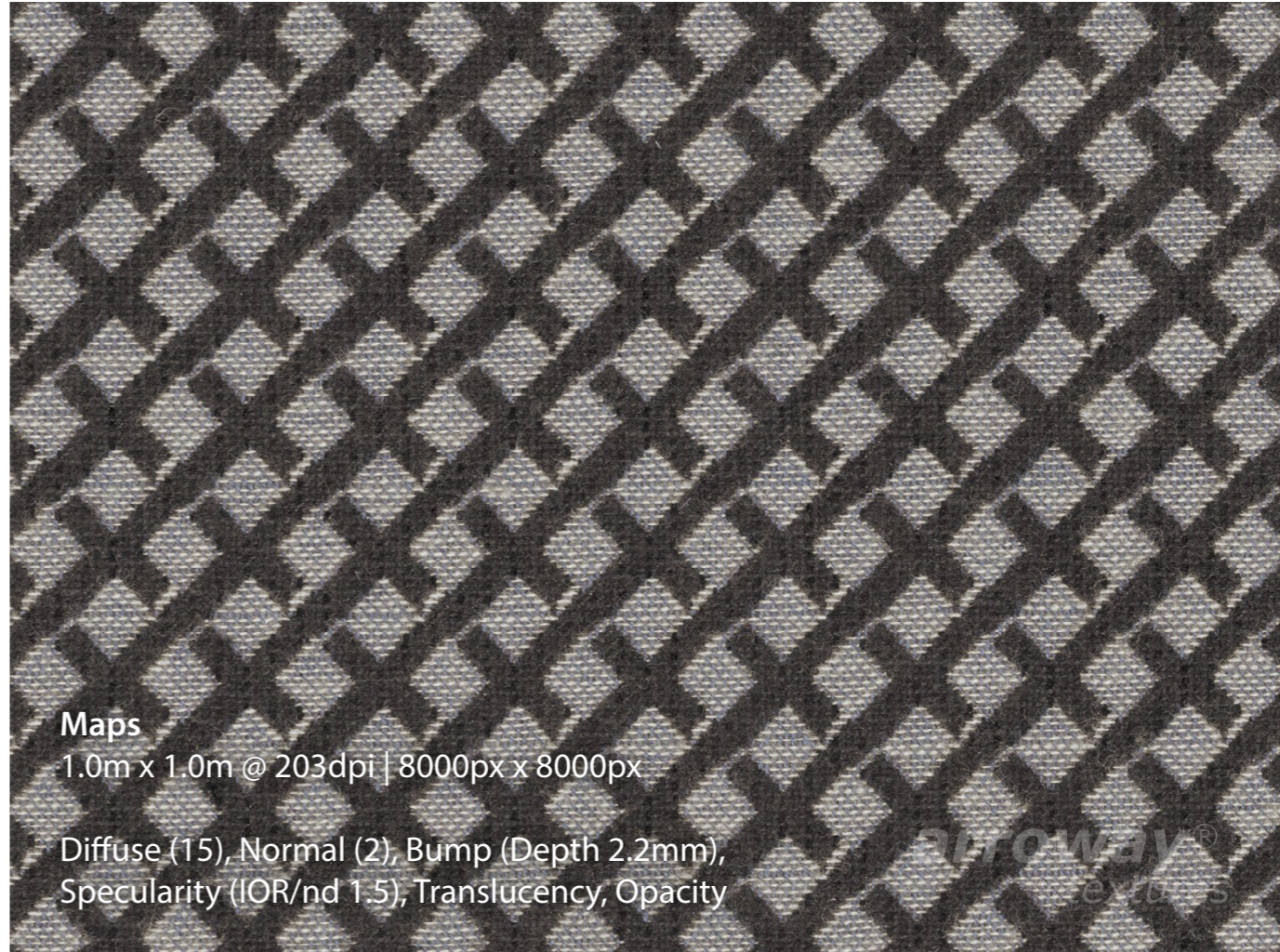


Demo



Jacquard, Flannel / fabric-021

Design|Craft Vol. 3 - Disk #4



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 2.2mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Jacquard, Striped / fabric-022

Design|Craft Vol. 3 - Disk #4

Close-up

camelot

turkish rose

affair

ship cove

sycamore

sundance

chestnut rose

white

black

emperor

sand dune

eunry

sandrift

roman coffee

congo brown

Demo

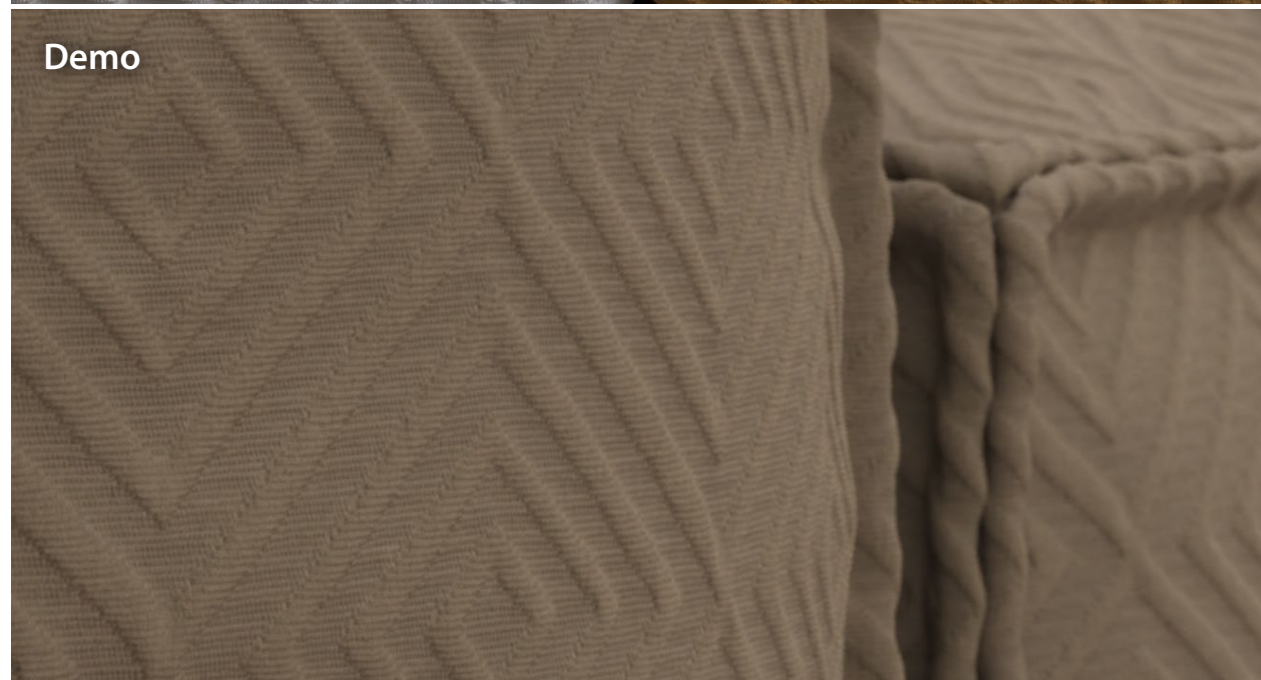
Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.2mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Jacquard, Squares / fabric-023

Design|Craft Vol. 3 - Disk #4



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 2.0mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Close-up

orchid

ochre

navy

champagne

sky

camel

smoke

tangerine

lime

red

sage green

pink

white

bark

black

Demo

Knit, Cable / fabric-024

Design|Craft Vol. 3 - Disk #4

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 3.6mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Knit, Brushed / fabric-025

Design|Craft Vol. 3 - Disk #4



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.4mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Knit, Interlock / fabric-026

Design|Craft Vol. 3 - Disk #5

Close-up

thatch green

fern green

brown

bahama blue

tuscany

pink

gold

purple

beige

bunting blue

white

slate blue

spanish green

trout gray

black

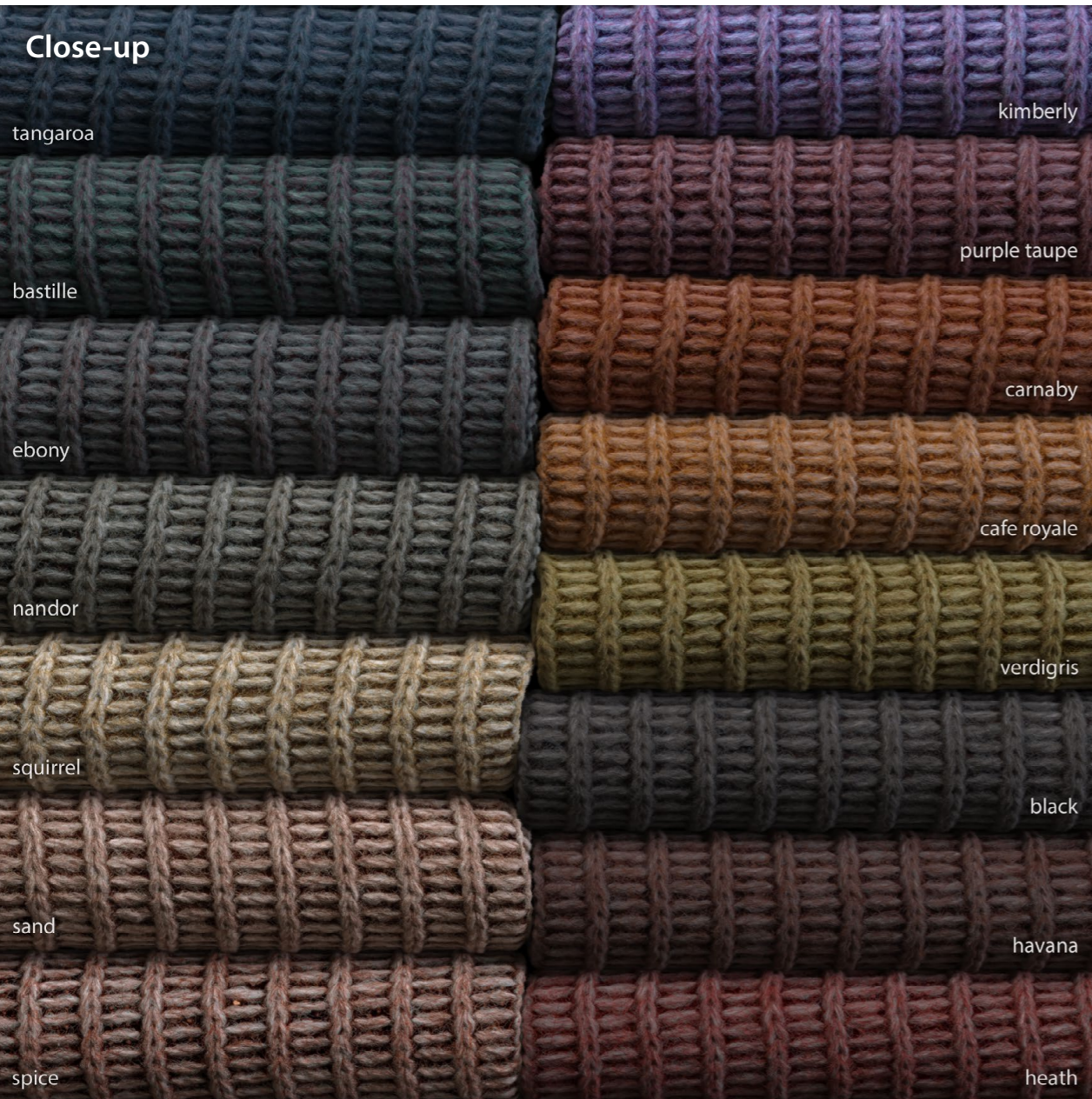
Demo

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.8mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Close-up

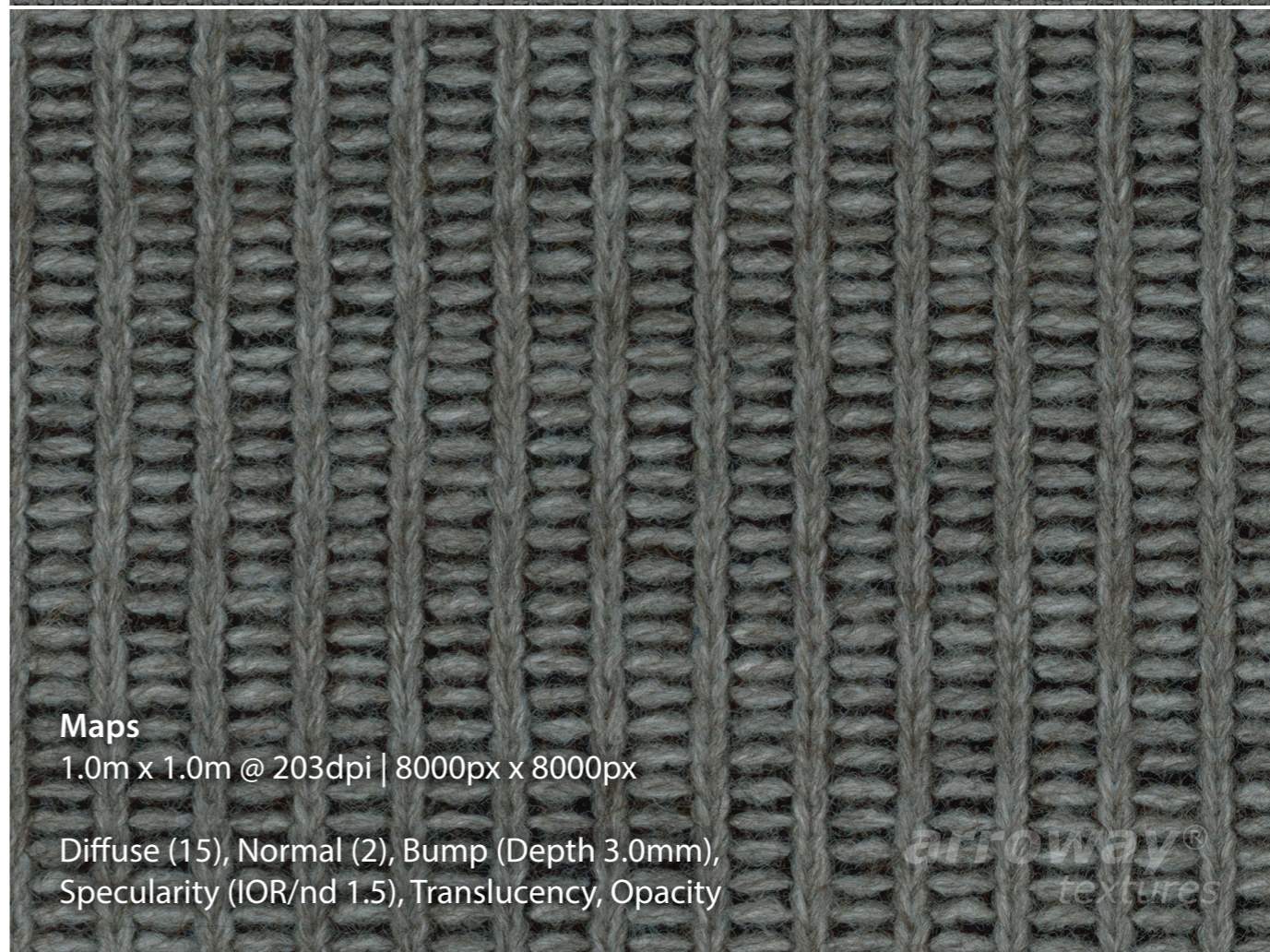


Demo



Knit, Rib Stitch / fabric-027

Design|Craft Vol. 3 - Disk #5



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 3.0mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Close-up

iron

bourbon

pecan

burgundy

oatmeal

jade

cream

light slate

ash

sapphire

azure

slate

aubergine

black

mauve

Demo

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.4mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Linen, Plain / fabric-029

Design|Craft Vol. 3 - Disk #5



Maps

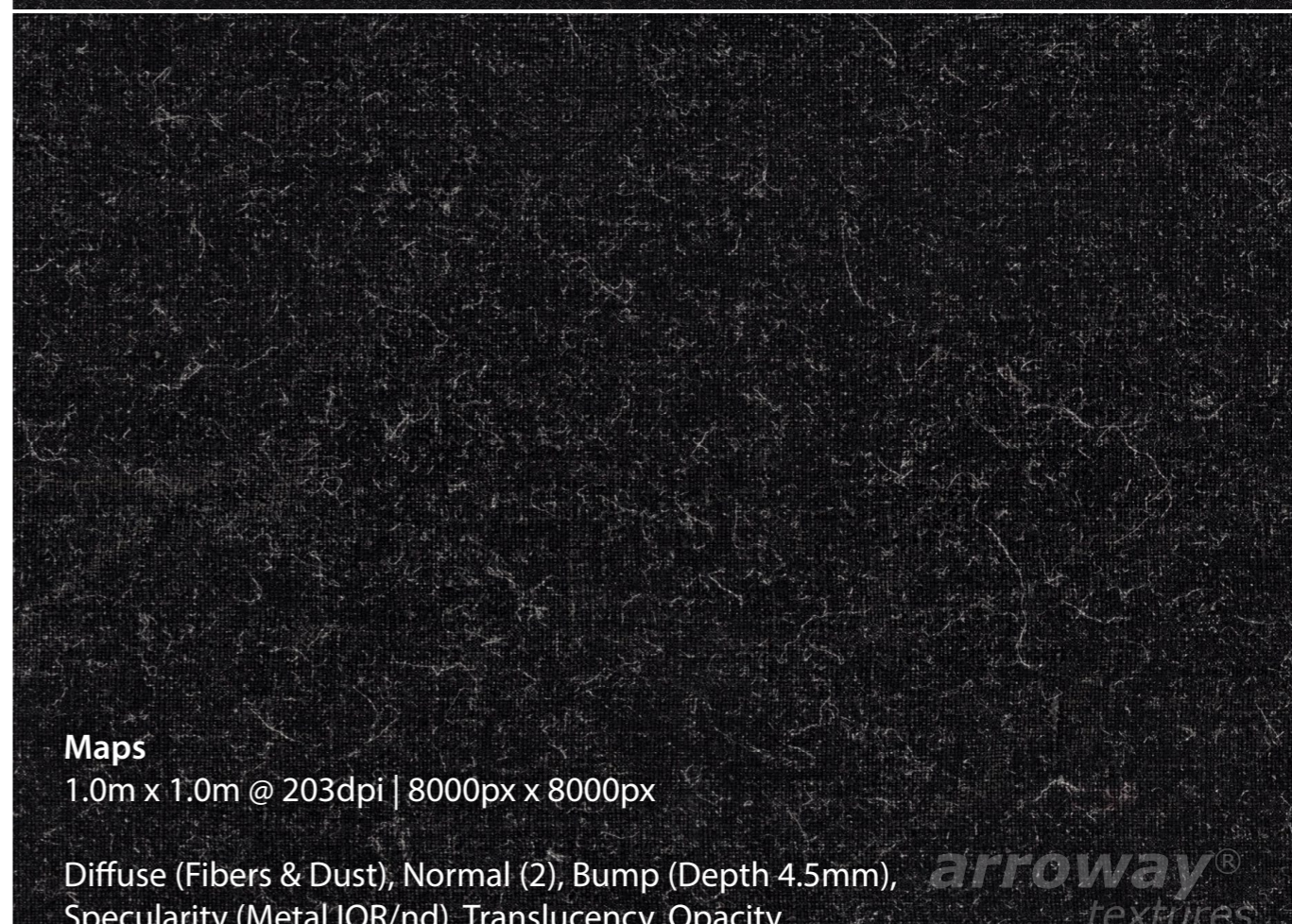
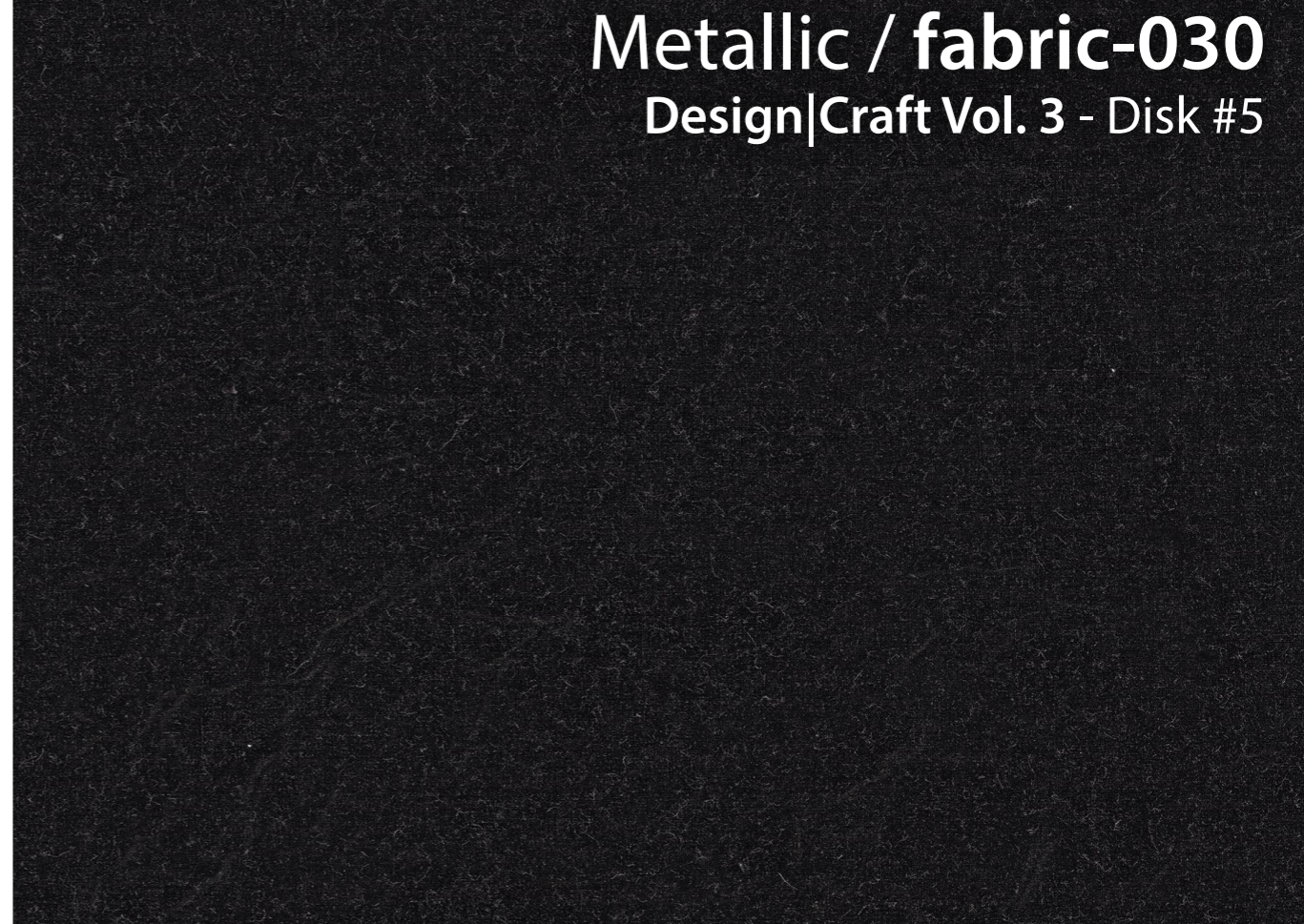
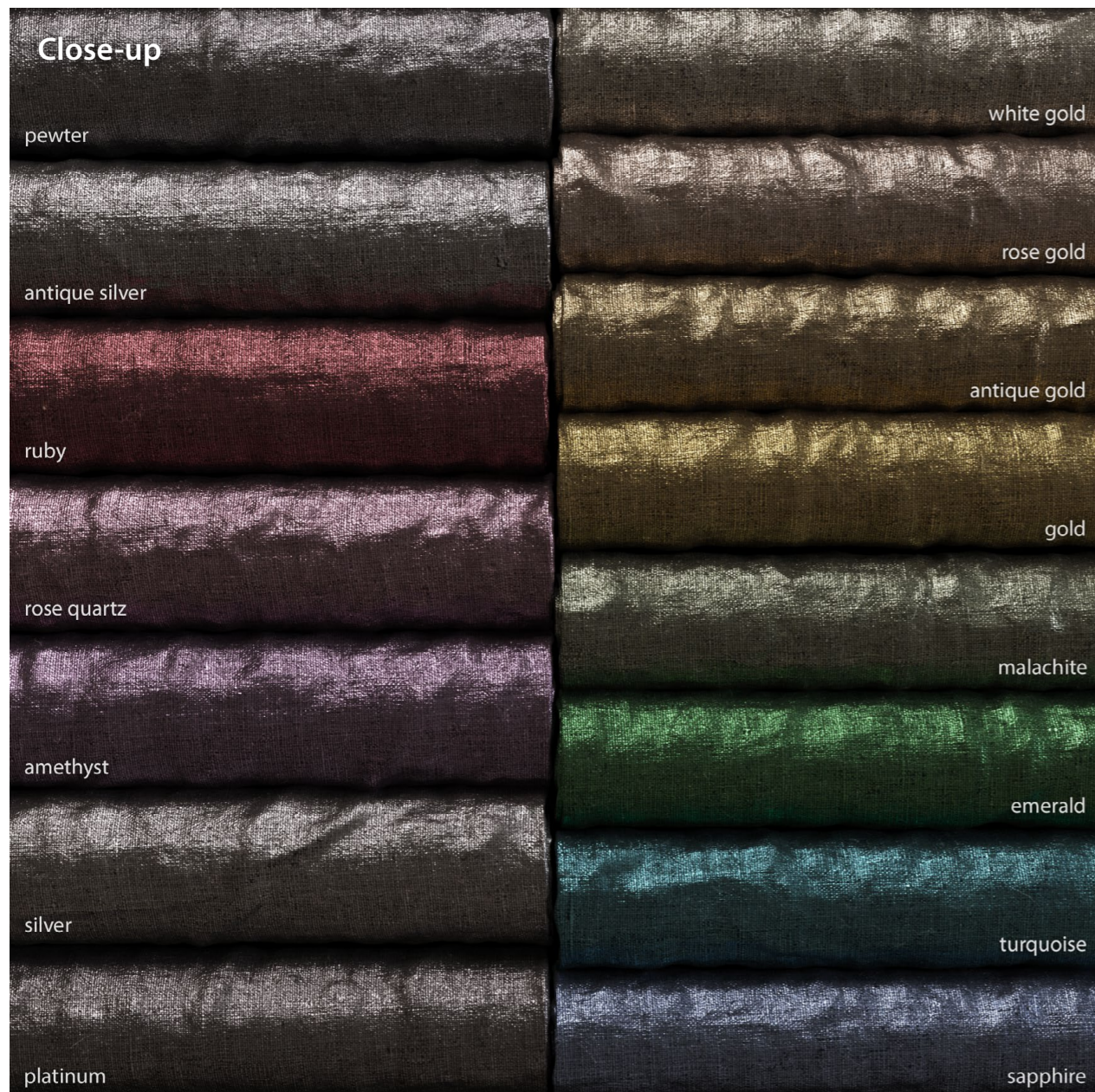
1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.7mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Metallic / fabric-030

Design|Craft Vol. 3 - Disk #5



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (Fibers & Dust), Normal (2), Bump (Depth 4.5mm),
Specularity (Metal IOR/nd), Translucency, Opacity

arroway[®]
textures

Close-up

apline

tobacco

coffeebean

napa

white

charcoal

black

country green

holly

manatee

midnight blue

madison

bulgarian rose

camelot

scalett

Panama Weave / fabric-031

Design|Craft Vol. 3 - Disk #5

Demo

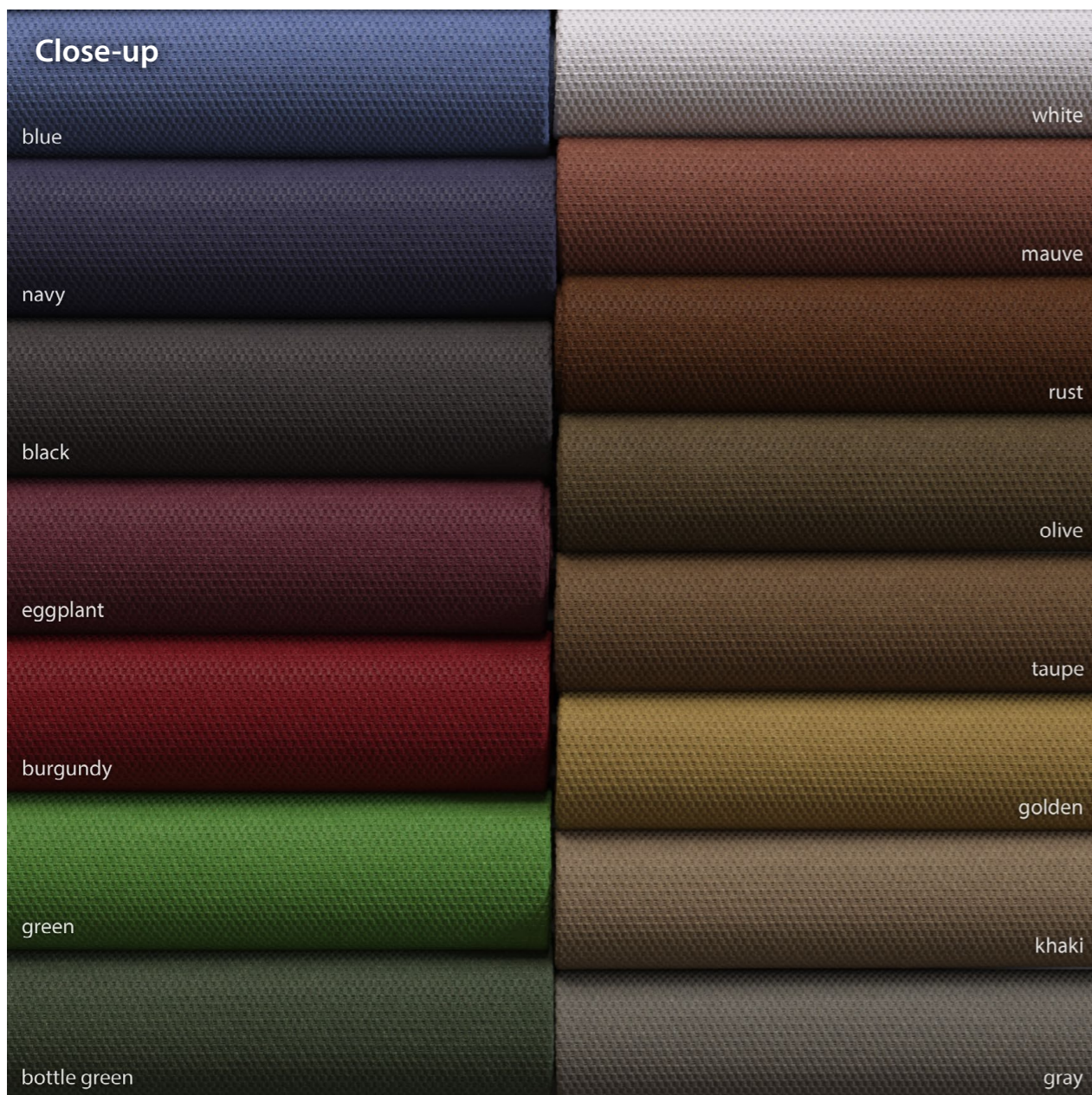
Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.6mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Pique / fabric-032

Design|Craft Vol. 3 - Disk #5



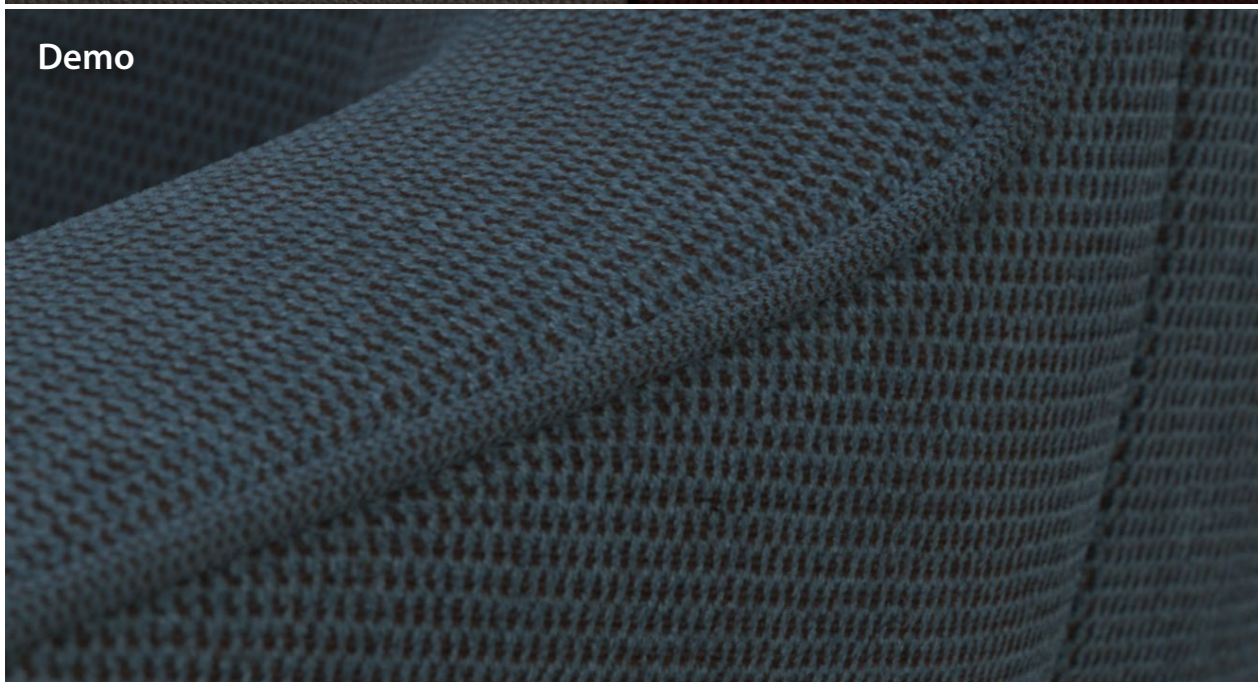
Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.4mm),
Specularity (IOR/nd 1.5), Translucency

Pique / fabric-033

Design|Craft Vol. 3 - Disk #5



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.9mm),
Specularity (IOR/nd 1.5), Translucency

Close-up

buccaneer

rosarium

brandy rose

roman

lotus

schooner

dingley

autumn pink

cosmic

purple

blue bayoux

tuna

abbey

nova scotia

nandor

Plaid / fabric-034

Design|Craft Vol. 3 - Disk #5

Demo

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.4mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Close-up

white

platinum

marine

aqua

navy

purple

ruby

forest

emerald

gold

rust

copper

coffee

warm gray

charcoal

Demo

Quilted / fabric-035

Design|Craft Vol. 3 - Disk #5

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 6.0mm),
Specularity (IOR/nd 1.5)

arroway®
textures

Rib Weave / fabric-036

Design|Craft Vol. 3 - Disk #6

Close-up

wine

black

pink

silver

orange

white

beige

blue

warm gray

midnight

brown

forrest

sand

green

khaki

Demo

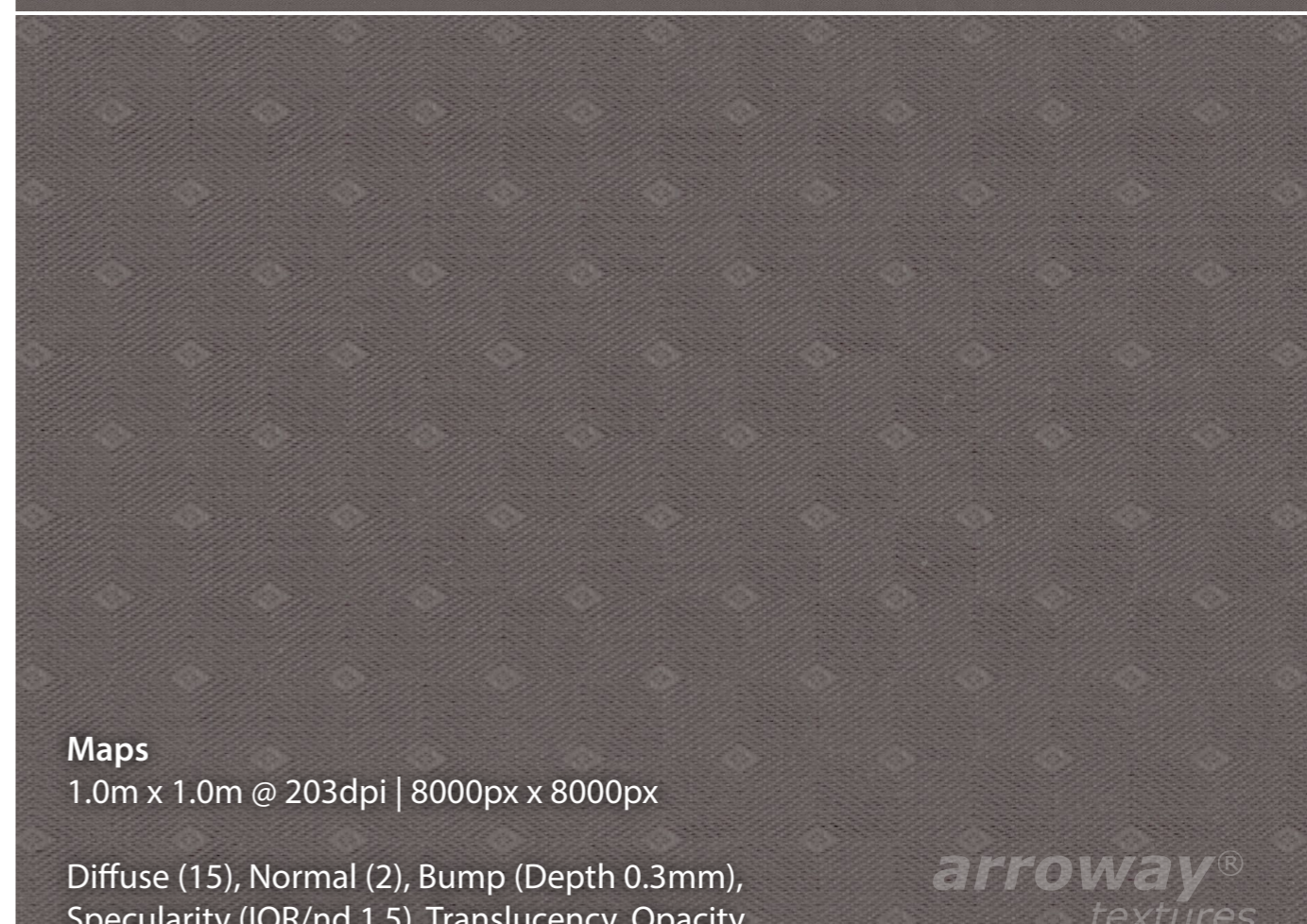
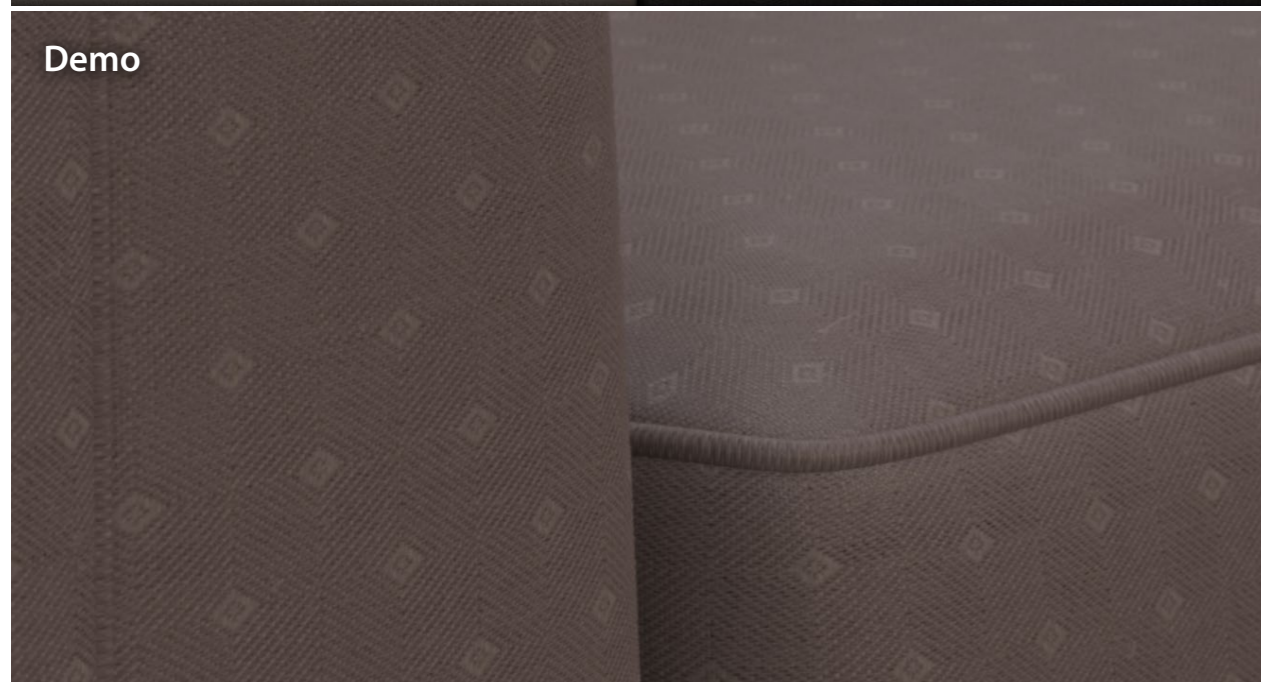
Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.5mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Silk, Diamond Twill / fabric-037

Design|Craft Vol. 3 - Disk #6



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.3mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Silk, Shantung / fabric-038

Design|Craft Vol. 3 - Disk #6



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 2.0mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Close-up

red oxide

marocco

roman coffee

makara

saddle

cowboy

black

verdigris

armadillo

mist

oil

sherwood

meteorite

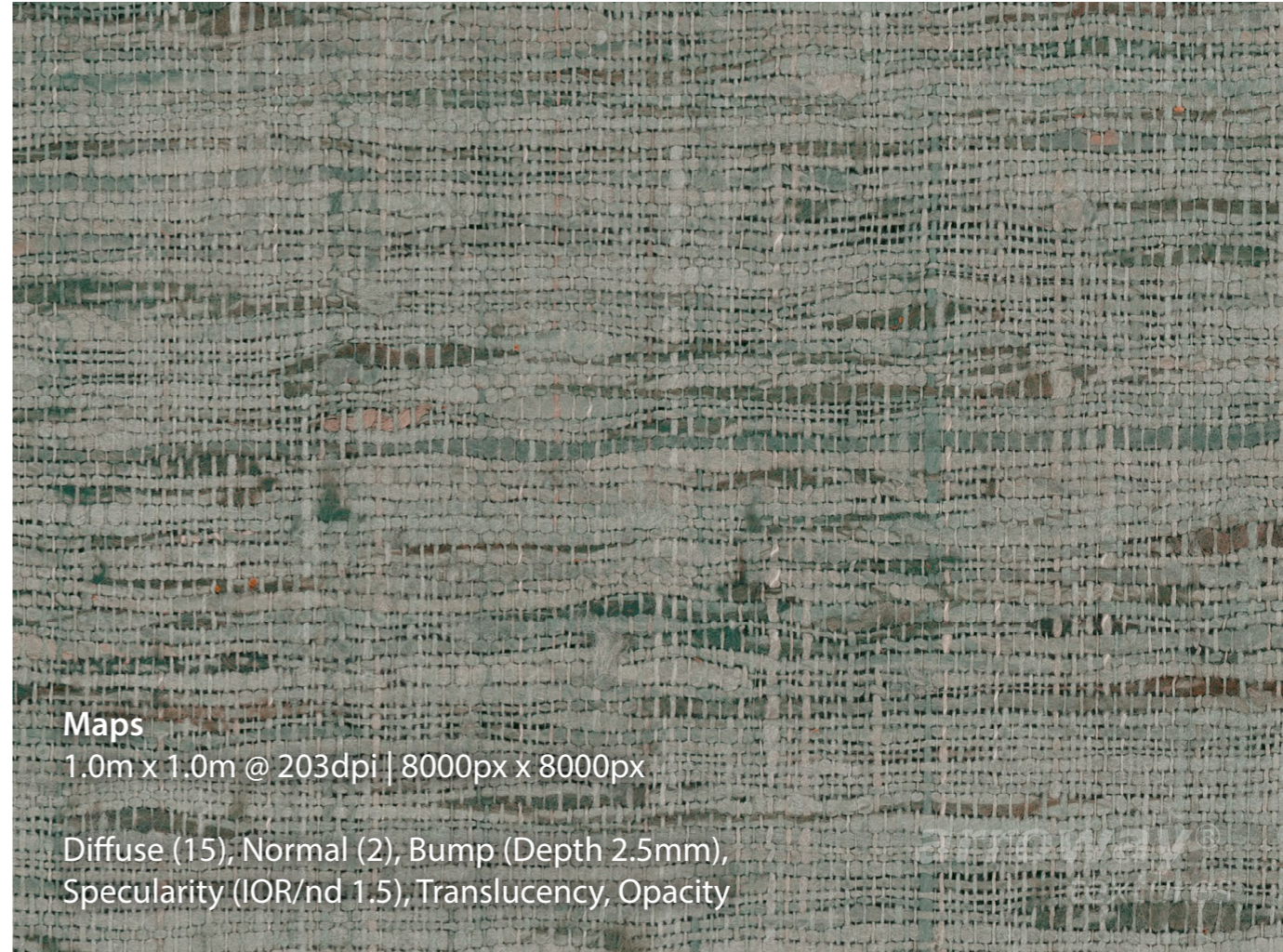
cosmic

aubergine

Demo

Silk, Tussah / fabric-039

Design|Craft Vol. 3 - Disk #6



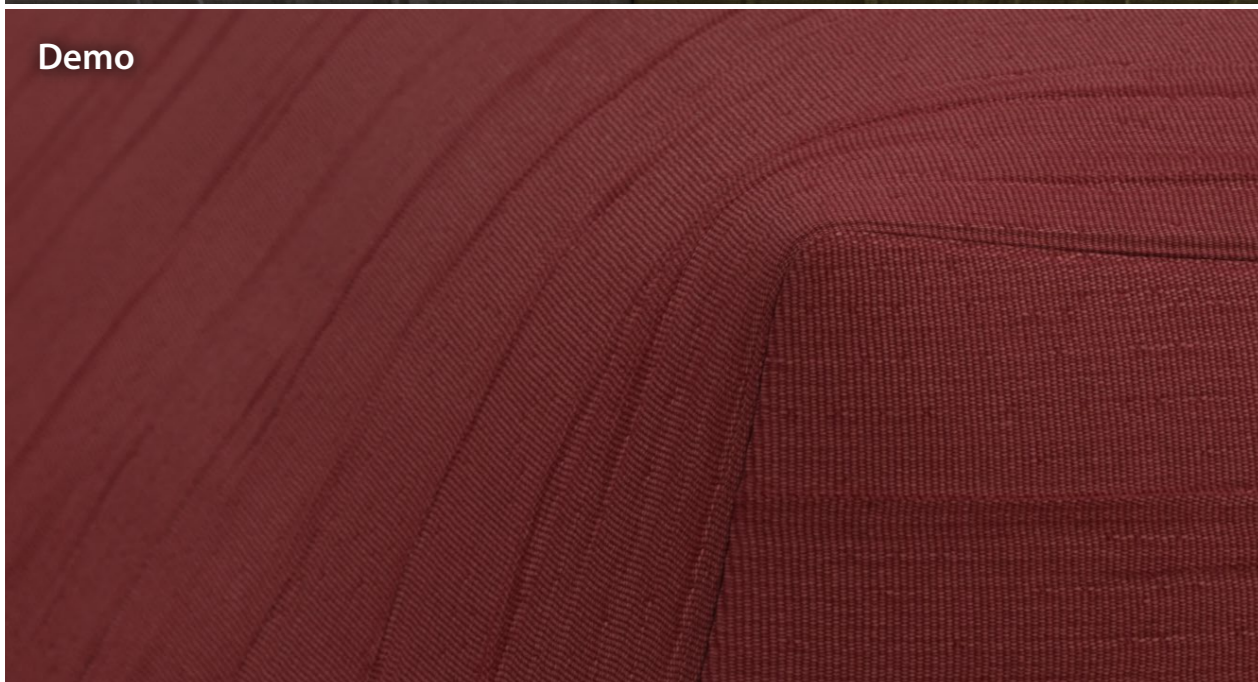
Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 2.5mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Taffeta, Creased / fabric-040

Design|Craft Vol. 3 - Disk #6



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 2.0mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Close-up

jambalaya

carnaby tan

soyabean

westcoast

americano

madras

merlin

elephant

tobago

maire

nobel

gunmetal

congo

scarlett

wine

Demo

Tweed, Herringbone / fabric-041

Design|Craft Vol. 3 - Disk #6

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.5mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Twill Weave / fabric-042

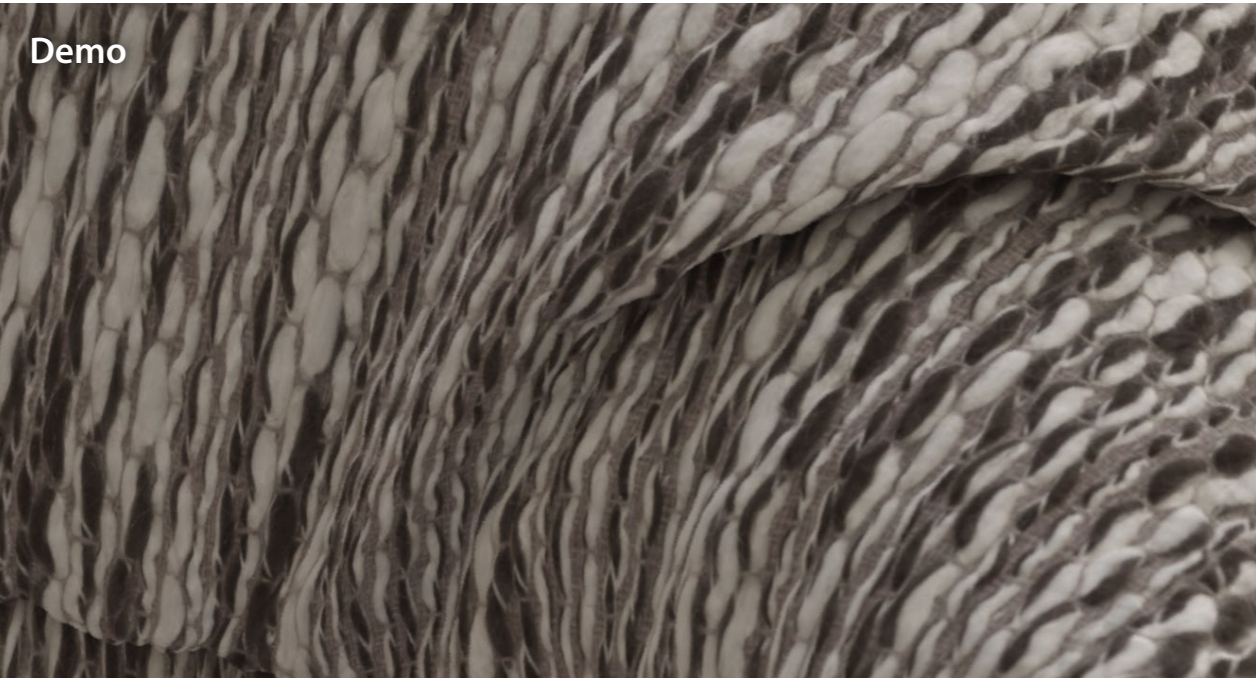
Design|Craft Vol. 3 - Disk #6



Close-up

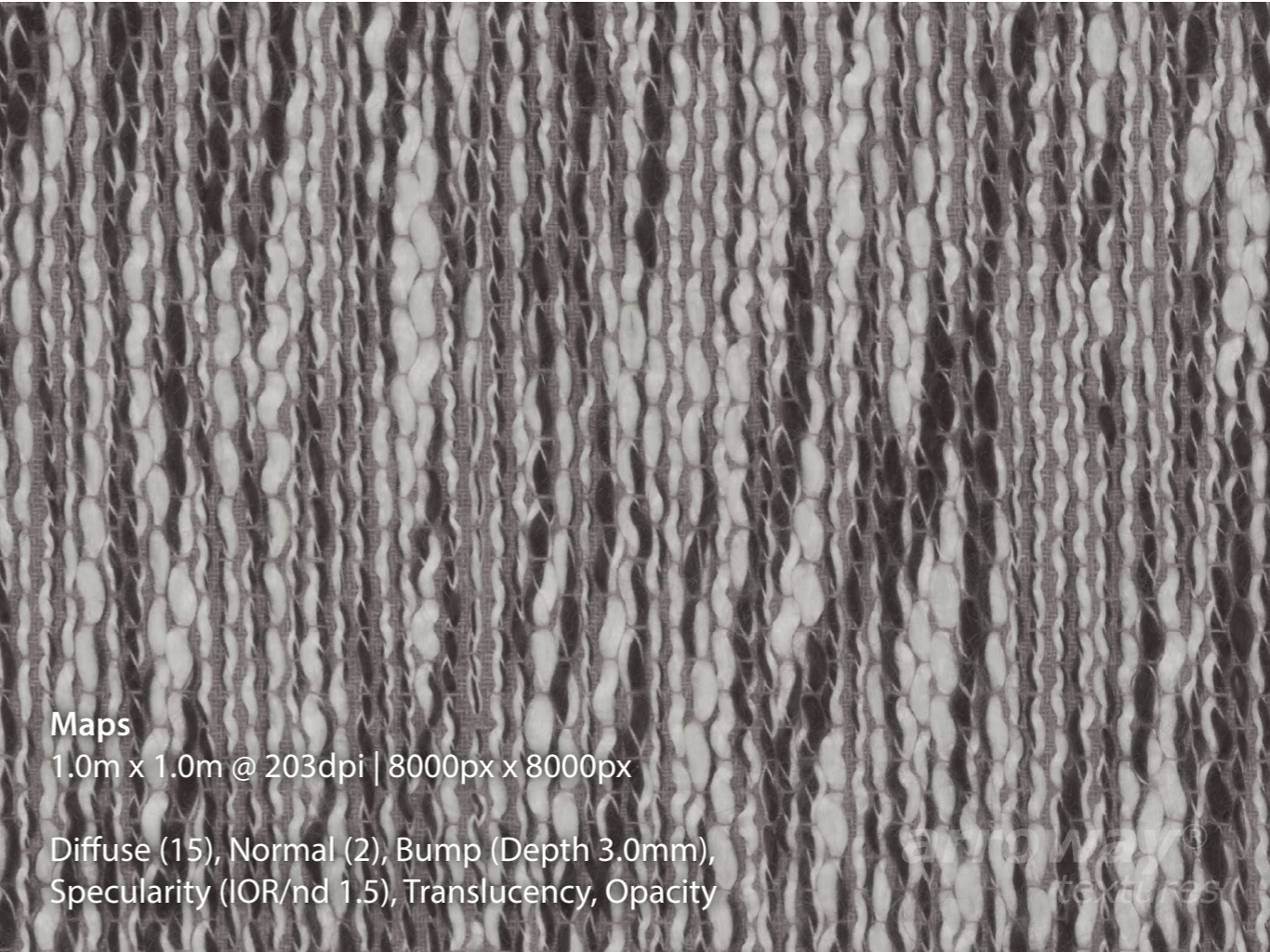


Demo



Twining Weave / fabric-043

Design|Craft Vol. 3 - Disk #7



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 3.0mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Velvet, Coarse / fabric-044

Design|Craft Vol. 3 - Disk #7



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.5mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

arroway[®]
textures

Velvet, Crushed / fabric-045

Design|Craft Vol. 3 - Disk #7



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 2.5mm),
Specularity (IOR/nd 1.5), Translucency, Anisotropy Angle

arroway[®]
textures

Velvet, Fine / fabric-046

Design|Craft Vol. 3 - Disk #7



Demo

Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (20), Normal (2), Bump (Depth 0.6mm),
Specularity (IOR/nd 1.5), Translucency

arroway®
textures

Vichy, Stripes / fabric-047

Design|Craft Vol. 3 - Disk #7



Maps

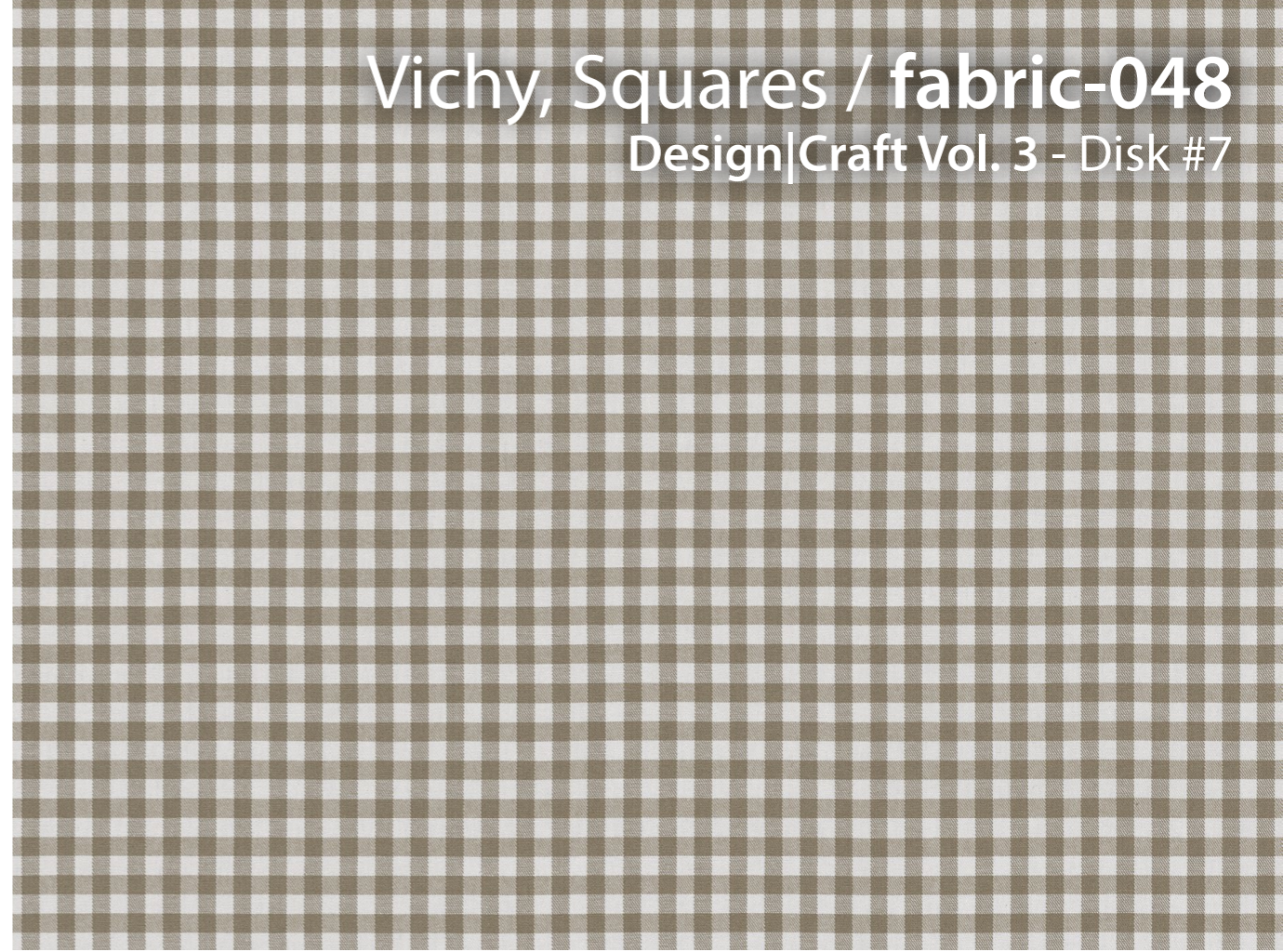
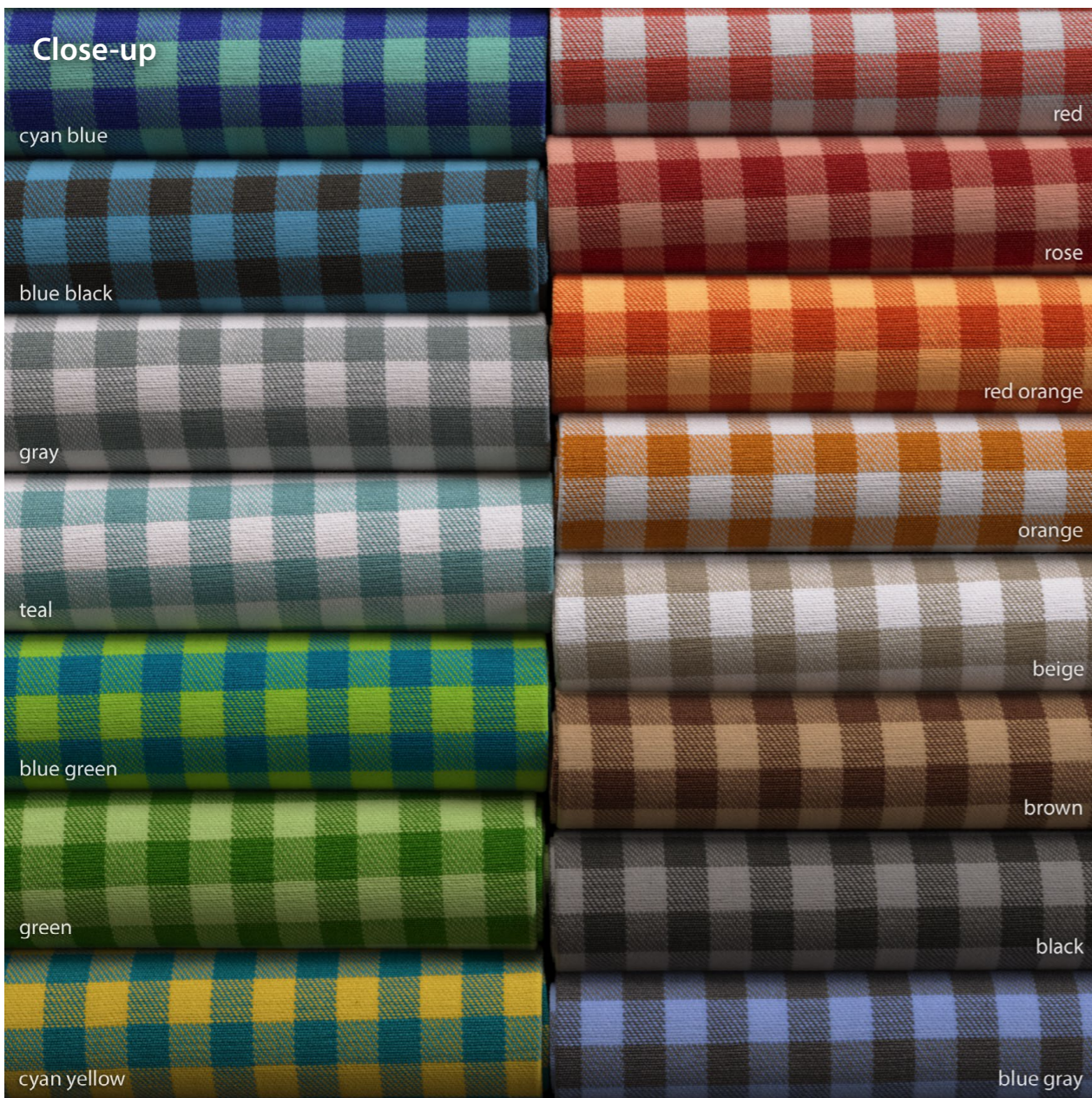
1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.3mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

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Vichy, Squares / fabric-048

Design|Craft Vol. 3 - Disk #7



Maps

1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 0.7mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

Zigzag Twill / fabric-049

Design|Craft Vol. 3 - Disk #7

Close-up



Demo



Maps

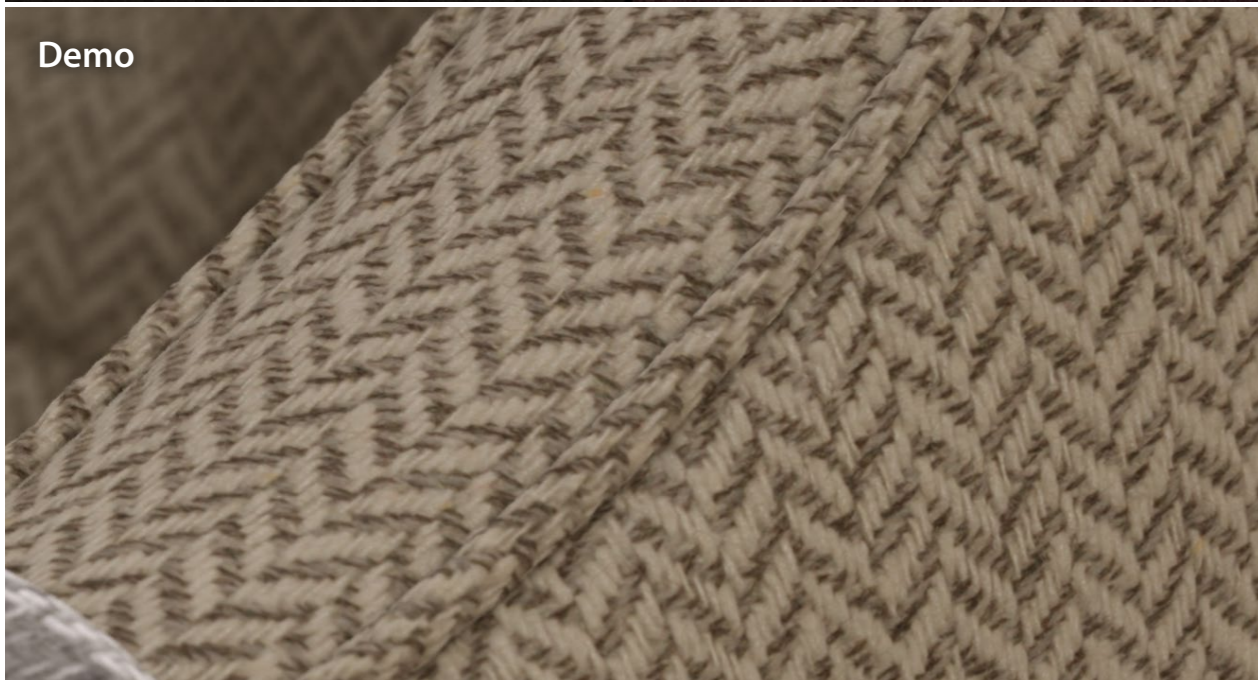
1.0m x 1.0m @ 203dpi | 8000px x 8000px

Diffuse (15), Normal (2), Bump (Depth 1.0mm),
Specularity (IOR/nd 1.5), Translucency, Opacity

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Zigzag Twill / fabric-050

Design|Craft Vol. 3 - Disk #7



www.arroway-textures.ch/contact

Arroway Textures GmbH
Rathausstraße 14
6341 Baar, Zug
Switzerland

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