

UNIVERSAL ABSORBENTS

Textile microfibre sorbents are divided into hydrophobic and hydrophilic.

Hydrophobic version consists of Oil Only sorbents whereas hydrophilic consists of universal and chemical sorbents.

Universal (hydrophilic) sorbents are truly versatile in their use because they absorb all types of non-aggressive liquids, such as oil substances, organic substances, and aqueous solutions of acids and alkalis. Universal sorbents, as well as chemical sorbents, are not recommended for oil spillage on water. Their use is especially suitable where there are permanent small leaks of various fluids, emulsions, generally to prevent any leaks. Universal sorbents are supplied in gray.

Universal absorbents are hydrophilic. They absorb and contain non-aggressive liquids such as fuels, oils, solvents, and mild chemicals both oil and water-based.

Universal sheets, rolls, snakes, drum toppers and pillows are fast and highly absorbent and keep good tensile properties even when saturated. Grey colour hiding the dirt make these products suitable for applications in machinery maintenance, garage and vehicle maintenance, traffic around machinery, lining of work benches and more.

Used absorbents can be properly incinerated to reduce disposal cost. Spunbond covering layer from both sides of meltblown to provide high durability, tensile strength and abrasion resistance. Bonded by points. Excellent absorbency and fluid retention. Thanks to spunbond covering layers on both sides linting is reduced dramatically.

SMS composites absorb **12 - 17,5 liters** per kilogram of SAE 10W/40 oil on average or **9 liters** of water per kilogram of sorbent on average.

UNIVERSAL TÜCHER GRAU E1100 / ARTIKEL NR.: 1020051

Basic material:	100% Polypropylen
Dimensions:	30 x 30 cm
Sales unit:	100 pieces
Grammage:	214 g/m ²
Color:	grey
Odor:	neutral
Square meters m ² / pack:	9
weight / pack:	1,9 KG





Specification: hydrophilic sorbents
 Colour: grey
 Form: sheets, rolls, minirolls, drumtoppers
 Composition: PP meltblown, PP spunbond
 Design: dimpled

Application:

Hydrophilic textile meltblown sorbents are suitable for prevention and disposal of spills of dangerous liquids - acids, basis and other dangerous water soluble chemicals and for emulsions of oil, oil derivatives and fats. They could not be used on water surface.

TECHNICAL PARAMETRES

Parameter	Jednotka	Hodnota	Norma
Grammage	g/m²	130-229	ČSN EN 29073-1
Average value tolerance (±)	%	8	
Single value tolerance (±)	%	15	
Absorption capacity*	l/kg	8 - 10	BS 7959-1:2004
Minimum average value*	l/kg	7	
Minimum single value*	l/kg	6	
Saturation time* average	s	1	BS 7959-1:2004
Saturation time* MAX	s	10	
Dimensional tolerance (±)	%	2	

* For testing of absorption parametres has been used distilled water at 20 °C ± 2 °C.

The information provided in this publication has been compiled to the best of our present knowledge. There commendations and data here in are to be construed as informatory only and do not relieve users from carrying out their own tests and experiments for a specific use. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. Our products are under continuous development, therefore we reserve the right to change the information presented in this document at our own discretion.