Allgemeines:
Die Mischung mehrerer Medien kann sowohl zu einer Verbesserung als auch zu einer Verschlechterung der Beständigkeit führen. Angaben über die Beständigkeit gelten somit immer nur für ein Medium. Die jeweiligen Betriebsbedingungen, wie höhere Temperatur, extreme chemische, mechanische und hiermit kombinierte dynamische Belastungen beeinflussen die Einsetzbarkeit jedes Schlauches zusätzlich. Kommen Kunststoffe mit Medien in Kontakt, bei denen sie laut Beständigkeitslisten unbeständig sind, so muss dies noch lange nicht zum Versagen des Produktes führen. So kann eine starke aber reversible Quellung z.B. als unbeständig eingestuft sein.

Wir empfehlen daher in den Fällen, in denen exakte Angaben gefordert werden,

- einen Versuch in unserem Labor mit dem entsprechenden Medium bei der Anwendungstemperatur,
- diese Daten durch Versuche am Einsatzort zu ermitteln (Wenn noch keine Einsatzerfahrungen vorliegen, stellen wir das erforderliche Versuchsmaterial gerne zur Verfügung.).

Die angegebenen Beständigkeiten sind unverbindliche Mess- oder Erfahrungswerte von Laborversuchen und daher nur Richtwerte mit vorbehaltlichen Änderungen und Abweichungen.

Da die Betriebsbedingungen beim Anwender außerhalb unserer Kontrolle liegen, kann keine Garantie übernommen werden.

Die Angaben bedeuten:

1 **sehr gute Beständigkeit:**
Das Material wird wahrscheinlich nicht durch das Medium angegriffen.
2 **mittlere Beständigkeit:**
Das Material wird wahrscheinlich Monate bis hin zu Jahren eine befriedigende Gebrauchsfähigkeit haben. Später kann eine fortschreitende Schädigung jedoch zur Zerstörung führen.
3 **bedingte Beständigkeit:**
Bei kurzzeitigem, gelegentlichem Kontakt oder bei schwachen Konzentrationen des Mediums wird das Material wahrscheinlich eine gewisse Gebrauchstauglichkeit haben. Bei dauerndem Kontakt muss mit der Zerstörung des Materials gerechnet werden.
- **unbeständig bzw. löslich:**
Der Einsatz des Materials kann nicht empfohlen werden, da die mechanischen Eigenschaften zu stark abfallen, das Material abgebaut wird oder sich auflöst.

Technische Änderungen vorbehalten.

General:
The mixture of different media can lead both to an improvement and to a debasement of the resistance. Statements in the resistance table are only valid for one medium. The respective working conditions, such as higher temperatures, extreme chemical and mechanical stress, combined with dynamical factors may effect the performance of every hose additionally. If plastics come into contact with media, against which according to the resistance table they are unresistant, so this may not necessarily lead to the failure of the product. A strong, but reversible swelling can therefore be classified as unresistant.

Therefore we recommend in all cases, in which exact details are required,

- a test in our laboratory with the corresponding medium at the temperature of use,
- to find out these data by tests at the place of application (If experiences concerning the application are not available, we will gladly put the required test material at your disposal.).

The stated resistances are non-committal measure or experience values of bench tests and therefore only standard values subject to changes and deviations.

As the operating conditions with the user are outside our control, no guarantee can be given.

The data means:

1 **very good resistance:**
The material will be probably not attacked by the medium.
2 **medium resistance:**
The material will probably have a satisfactory fitness for use for months or up to years. Later an advanced damage could lead to destruction.
3 **conditional resistance:**
By short term and occasional contact, or at weak concentration of the medium, the material will probably have a certain fitness for use. At continuous contact you have to reckon with the destruction of the material.
- **unresistant or soluble:**
The application of the material cannot be recommended, as the mechanical properties will be reduced strongly, the material will be disintegrated or decomposed.

Engineering modifications subject to change.

Medium	Ester-PUR		Ether-PUR (MHF)		Weich-PVC		LLDPE (AIRDUC® und PROTAPE)		HDPE + LDPE (CP)		TPE		NEOPRENE®		HYPALON®		VITON®		Silicon		PTFE		PA		ARAMID	
	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	80 °C	20 °C	80 °C	20 °C	80 °C	20 °C	100 °C	20 °C	60 °C	20 °C	100 °C
Abwasser	-				1		1						1		1		1		2		1					
Acetaldehyd (Ethanal), wässrig	2	-	2	-	2	-	1	1	2	3	1	2	3		2	-	2	-			1	1	2	-		
Acetamid (Essigsäureamid)	-		-		-		1		1		1		2		2		1	2	2		1	1	1	3		
Aceton	-		-		-		1	1	1	2	2	3	3		2		-		3		1	1	1	2	1	2
Acetylaceton (2,4-Pentadion)	-		-		-		-										-		-		1					
Acetylen	1	1	1	1	2	3	1		1		1		1		1	2	1	1	1		1	1	1			
Acetylsalicylsäure (Aspirin)					1		1																			
Acrylnitril	-		-		-		1	1	1	1	3	-	3		2	3	3	-	3	-	1		1			
Acrylsäureester (Ethylacrylat)	-		-		-		-		3		1		-		1		-		2		1		1			
Acrylsäureethylester	-		-		-						3	-	-		3	-	-		3	-	1		1			
Adipinsäure (Hexandisäure), wässrig	3	-	2	3	1	2	1	1	1	1	1	2	2		1	1	1	1	-		1	1				
Aetzkali → Kalilauge																										
Aetzkalk → Calciumoxid													1													
Aetznatron → Natriumhydroxid																										
Akkusäure → Schwefelsäure																										
Alaun, wässrig	1	2	1	1	1	2	1		1	1	1	1	1		1	1	1	1	2	3	1	1	1			
Aliphate, allgemein gilt (siehe exaktes Medium)	1	2	1	2	3	-	1	1	1	2	3	-	-		2	-	1	1	-		1	1	1			
Alkohole, allgemein gilt (siehe exaktes Medium)	2	-	2	-	2	-	1	1	1	1	1	2	2		1	1	1	2	2	-	1	1	2	-		
Allylalkohol (Propenol)	3	-	3	-	3	-	1	1	1	2	1	1			1	3	3	-	-		1		3	-		
Allylchlorid	-		-		-		-		3	-	2	-			1	-	-		1		1		2			
Aluminiumacetate, wässrig (essigsaure Tonerde)	-		3		1	1	1	1	1	1		1	1		1		-		-		1		1			
Aluminiumchlorid, 10 %	2	3	1	2	1	1	1	1	1	1	1	2	1		1		1		-		1		1	3		
Aluminiumfluorid	3	-	3	-	1		1	1	1	1	1		1		1		1		1	3	1		1			
Aluminiumhydroxide	3	-	2	-	1		1		1	1			1		1		1		1		1		1			
Aluminiumnitrat	3		2		1		1	1	1	1	1		1		1		1		2		1		1	3		
Aluminiumphosphate (Phosphorsaure Tonerde)	2		1		1		1	1	1	1	1		1		1		1		1		1					
Aluminiumsulfat, wässrig	2	-	1	3	1	1	1	1	1	1	1	2	1		1	1	1	1	1		1		1			
Ameisensäure, 3% (Methansäure)	2	-	1	2	1	1	1	1	1	1	1	2	2		1	1	2	-	1	3	1	1	3	-	1	
Ameisensäure, 10%	3	-	2	-	1	2	1	1	1	1	1	3	2		1	2	3	-	2	-	1	1	-		2	
Ameisensäure, 100%	-		-		2	-	1	1	1	1	2	-	2		3	-	-		-		1	1	-		3	-
Amine → siehe exaktes Medium																										
Aminoethanole	-		-		-						1		3		3		3		-		1					
Ammoniak, flüssig 100%	-		-		1	1	1	1	1	1	1	1	1		3	-	-		1	3	1		1	2		
Ammoniak, gasförmig	3	-	1	2	1	1	1	1	1	1	1	1	1		2		3	-	1	1	1		1	1		
Ammoniak, wässrig 3% (Salmiakgeist)	3	-	1	2	1	1	1	1	1	1	1	2	2		3	-	-		1	1	1		1	1		
Ammoniumacetat, wässrig	-		3	-	1	1	1	1	1	1	1				1		-		3	-	1	1	1			
Ammoniumcarbonat, wässrig	-		3	-	1	2	1	1	1	1	1	1	1		1	1	1		2	-	1		1			
Ammoniumchlorid, wässrig 3% (Salmiak)	1	2	1	2	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1		1			
Ammoniumdiphosphat, wässrig	3		1		1		1						1		1		1		1		1					
Ammoniumfluoride, wässrig	-		-		1	3	1		1		1	1			1	1	1	2			1	1	1			
Ammoniummetaphosphat	1		1				2						1		1		1		2		1					
Ammoniumnitrat, wässrig	3	-	2	-	1	1	1	1	2	1	1	2			1	1	1	1	1		1		1			
Ammoniumphosphate, wässrig	2	-	2	-	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1		1			
Ammoniumsulfat	1	-	1	3	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1		1			
Ammoniumthiocyanat	3		2		1		1										1		1							
Amylacetat (Essigsäurepentylester)	-		-		-		1		2	3	3	-	3		-		-		-		1		1			
Amylalkohole → Pentanole													1													
Amylchlorid	-		-		-		-		3	-			-		-		2		-		1		1			
Anilin (Aminobenzol, Phenylamin)	-		-		-		2		2	3			-		2	3	1	3	3		1		3	-		
Anilinchlorhydrat	-		-		2	-	1	1	2	3			3		-		-		-		1	1				
Anisöl					-		1	1	3	-			-								1		1			
Anol → Cyclohexanol													2													
Anon → Cyclohexanon													-													
Anthrachinonsulfonsäure, wässrig	-		-		1		1		1		1				1		1		-		1					
Antimonchlorid, wasserfrei	-		-		1	1	1	1	1	1	1				1	2	1	2	3	-	1		-			
Antimontrichlorid, wässrig	3	-	2	-	1	1	1	1	1	1	1	1	1		1	1	1	1	2	-	1		-			
Apfelsäure, wässrig (Apfelsaft)	-		3	-	1		1		1		1		1		1		1		1		1		1			
Argongas	1		1		1		1		1		1		1		1		1		1		1		1			
Aromate, allgemein gilt (siehe exaktes Medium)	-		-		-		1	1	2	3	3	-	2		3	-	1	3	-		1	1	1			
Arsensäure, wässrig	3	-	3	-	1	2	1	1	1	1	1	2	2		1	1	1	1	2	-	1		1			
Asphalt (Erdpech)	2	-	2	-	2	3	1	1	2	3	2	-	2		3	-	1	3	3	-	1		1			
ASTM-Kraftstoffe → Benzin																										
ASTM-Öle → Öl																										
ATE-Bremsflüssigkeit → Bremsflüssigkeit	-		-		1		1								1		1		3		1					
ATF-ÖL → Öl																										
Bariumchlorid, wässrig	1	3	1	2	1	1	1	1	1	1	1	3			1		1		1		1		1			
Bariumhydroxid, wässrig	3	-	2	3	1	1	1	1	1	1	1	3			1	1	1	1	1		1		1			
Bariumsulfat (Bariumsalz)	1		1		1		1	1	1	1	1	2			1		1		1		1		1			
Bariumsulfid (Bariumsalz)	3	-	2	3	1		1	1	1	1	1	2			2		2		1		1		1			
Baumwollsamenöl (Baumwollsaatöl)	1		1		1	1	1	1	1	1	2		2		2		1		2		1		1			
Benzaldehyd	-		-		-		1		3	-	1		-		-		3		-		1		3	-	1	
Benzin, allgemein gilt (siehe exaktes Medium)	1		1		3	-	1	1	2	3	-		1		-		1	1	3	-	1	1	1		1	
Benzin, ASTM-Kraftstoff A (Fuel A)	1		1		3	-					-		1		1		1		3		1					
Benzin, ASTM-Kraftstoff B (Fuel B)	3		3		3	-					-		-		-		1		3		1		1			
Benzin, ASTM-Kraftstoff C (Fuel C)	-		-		3	-					-		-		-		1		-		1					
Benzin, Diesel/ Dieselöl/ Heizöl	1		1		3	-	1	1	2	3	-		-		-		1	1	3		1		1			
Benzin, FAM-Kraftstoff DIN 51 604-A	1		1		3	-					-										1					
Benzin, FAM-Kraftstoff DIN 51 604-B	2		2		3	-					-										1					
Benzin, FAM-Kraftstoff DIN 51 604-C	3		2		3	-					-										1					
Benzin, Flug- (Kerosin)	1		1		3	-	1	1	2	3	-		1		-		1		3		1		1		1	
Benzin, Testbenzin	1	2	1	2	3	-	1		2	-	-				-		1		-		1					
Benzin-Benzol (50/ 50%)	3		3		3	-					-				-		2		-		1					
Benzin-Benzol (60/ 40%)	2		2		3	-					-				-		2		-		1					
Benzin-Benzol (70/ 30%)	2		2		3	-					-				-		1		3		1		1			
Benzin-Benzol (80/ 20%)	2		2		3	-	3		2	3	-				-		1		3		1		1			

Alle angegebenen Maße und Werte sind ca.-Angaben und wurden bei 20 °C ermittelt.
Technische Änderungen vorbehalten.

media	Ester-PUR		Ether-PUR (MHF)		Soft-PVC		LLDPE (AIRDUC® and PROTAPE)		HDPE + LDPE (CP)		TPE		NEOPRENE®		HYPALON®		VITON®		Silicon		PTFE		PA		ARAMID	
	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	60 °C	20 °C	80 °C	20 °C	80 °C	20 °C	80 °C	20 °C	100 °C	20 °C	60 °C	20 °C	100 °C
acetaldehyde, aqueous	2	-	2	-	2	-	1	1	2	3	1	2	3		2	-	2	-			1	1	2	-		
acetamide	-		-		-		1		1		1		2		2		1	2	2		1	1	1	3		
acetic acid 10%	-		2	3	1	3	1	1	1	3	1		2		2	2	2	-	3	-	1		3	-	1	2
acetic acid 100%	-		-		-		1		3	-	-		2		2	3	-		-		1		-		1	
acetic acid 3%	3	-	1	2	1	2	1	1	1	2	1		2		1	1	2	-	3	-	1		3	-	1	2
acetic acid ethyl ester (ethyl acetates)	-		-		-		1	1	2	3	2	-	-		-		3	-	3	-	1		1			
acetic anhydride	-		-		-		1	1	2	-	1	2	2		1	1	-		1		1		1		-	
acetone	-		-		-		1	1	1	2	2	3	3		2		-		3		1	1	1	2	1	2
acetylacetone	-		-		-		-										-		-		1					
acetylene	1	1	1	1	2	3	1		1		1		1		1	2	1	1	1		1	1	1			
acetylsalicylic acid (Aspirin)					1		1																			
acids, generally (see exakt media)	3	-	2	3	1	2	1	1	2	3	2	3	-		1	2	1	1	3	-	1	1	3	-		
acrylic acid ethlester	-		-		-						3	-	-		3	-	-		3	-	1		1			
acrylic esters (ethyl acrylate)	-		-		-		-		3		1		-		1		-		2		1		1			
acrylonitrile	-		-		-		1	1	1	1	3	-	3		2	3	3	-	3	-	1		1			
adipic acid, aqueous	3	-	2	3	1	2	1	1	1	1	1	1	2		1	1	1	1	-		1	1				
air, containing oil → oil																										
air, dry	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1		
air, wet → water vapour																										
alcohols, generally (see exact media)	2	-	2	-	2	-	1	1	1	1	1	2	2		1	1	1	2	2	-	1	1	2	-		
aliphatics, generally (see exact media)	1	2	1	2	3	-	1	1	1	2	3	-	-		2	-	1	1	-		1	1	1			
alkalis, generally (see exact media)	2	3	1	2	1	2	1	1	1	2	2	2	1		1	1	2	-	2	-	1		-			
allyl alcohol	3	-	3	-	3	-	1	1	1	2	1	1			1	3	3	-	-		1		3	-		
allyl chloride	-		-		-		-		3	-	2	-			1	-	-		1		1		2			
alum, aqueous	1	2	1	1	1	2	1		1	1	1	1	1		1	1	1	1	2	3	1	1	1			
aluminium acetates	-		3		1	1	1	1	1	1	1		1		1		-		-		1		1			
aluminium chloride, 10%	2	3	1	2	1	1	1	1	1	1	1	2	1		1		1		-		1		1	3		
aluminium fluoride	3	-	3	-	1		1	1	1	1	1		1		1		1		1	3	1		1			
aluminium hydroxide	3	-	2	-	1		1		1	1			1		1		1		1		1		1			
aluminium nitrate	3		2		1		1	1	1	1	1		1		1		1		2		1		1	3		
aluminium phosphates	2		1		1		1	1	1	1	1		1		1		1		1		1					
aluminium sulfate, aqueous	2	-	1	3	1	1	1	1	1	1	1	2	1		1	1	1	1	1		1		1			
amines → see exact media																										
aminoethanols	-		-		-						1		3		3		3		-		1					
ammonia, aqueous 100%	-		-		1	1	1	1	1	1	1	1	1		3	-	-		1	3	1		1	2		
ammonia, aqueous 3% (liquid ammonia)	3	-	1	2	1	1	1	1	1	1	1	2			3	-	-		1	1	1		1	1		
ammonia, gaseous	3	-	1	2	1	1	1	1	1	1	1	1	1		2		3	-	1	1	1		1	1		
ammonium acetate, aqueous	-		3	-	1	1	1	1	1	1	1				1		-		3	-	1	1	1			
ammonium carbonate, aqueous	-		3	-	1	2	1	1	1	1	1	1	1		1	1	1		2	-	1		1			
ammonium chloride, aqueous 3% (salmiac)	1	2	1	2	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1		1			
ammonium diphosphat, aqueous	3		1		1		1								1		1		1		1					
ammonium fluorides, aqueous	-		-		1	3	1		1		1	1			1	1	1	2			1	1	1			
ammonium metaphosphat, aqueous	1		1				2								1		1		1		2		1			
ammonium nitrate, aqueous	3	-	2	-	1	1	1	1	2	1	1	2			1	1	1	1	1		1		1			
ammonium phosphates, aqueous	2	-	2	-	1	1	1	1	1	1	1	1			1	1	1	1	1		1		1			
ammonium sulfate	1	-	1	3	1	1	1	1	1	1	1	1			1	1	1	1	1		1		1			
ammonium thiocyanate	3		2		1		1										1		1							
amyl alcohols → pentanols															1											
amyl chlorides	-		-		-		-		3	-					-		-		2		-		1			
aniline	-		-		-		2		2	3					-		2	3	1	3	3		1		3	-
aniline hydrochloride	-		-		2	-	1	1	2	3					3		-		-		-		1	1		
animals fat → oil, animal																										
anise oil					-		1	1	3	-					-								1		1	
anole → cyclohexanol															2											
anone → cyclohexanone															-											
anthraquinonesulfonics acid, aqueous	-		-		1		1		1		1						1		1		-		1			
antifreezes → see exact media																										
antimony chlorides, free of water	-		-		1	1	1	1	1	1	1				1	2	1	2	3	-	1		-			
antimony-III-chlorides, aqueous	3	-	2	-	1	1	1	1	1	1	1	1			1	1	1	1	2	-	1		-			
aqua fortis → nitric acid																										
aqua regia (nitrohydrochloric acid)	-		-		-		-		-		-		3		3		3		3		1		-			
argon	1		1		1		1		1		1		1		1		1		1		1		1			
aromatics, generally (see exact media)	-		-		-		1	1	2	3	3	-	2		3	-	1	3	-		1	1	1			
arsenic acid, aqueous	3	-	3	-	1	2	1	1	1	1	1	1	2		1	1	1	1	2	-	1		1			
asphalt	2	-	2	-	2	3	1	1	2	3	2	-	2		3	-	1	3	3	-	1		1			
ASTM-fuels → gasoline																										
ASTM-oils → oil																										
ATE-brake fluids → brake fluids	-		-		1		1								1		1		3		1					
ATF-oil → oil																										
azurit → cupric hydroxide																										
barium chloride, aqueous	1	3	1	2	1	1	1	1	1	1	1	1	3		1		1		1		1		1			
barium hydroxide, aqueous	3	-	2	3	1	1	1	1	1	1	1	1	3		1	1	1	1	1		1		1			
barium sulfate	1		1		1		1	1	1	1	1		2		1		1		1		1		1			
barium sulfide	3	-	2	3	1		1	1	1	1	1		2		2		1		1		1		1			
basic aluminium acetate → aluminium acetates																										
battery acid → sulfuric acid																										
beef tallow (beef fat) → oil, animal																										
beer	1		1		1	1	1	1	1	1	1		1		1		1		1		1		1			
benzaldehyde	-		-		-		1		3	-	1		-		-		3		-		1		3	-	1	
benzene	-		-		-		1		3	-	-		-		-		2	-	-		1		1		1	
benzoic acid, aqueous	3	-	2	3	1	2	1	1	1	1	1	1	-		1	1	1	1	3	-	1		3	-	2	-
benzyl alcohol	-		-		3	-	1	1	2	3	1	3	3		1		1		1		1		-			
benzyl benzoate	-		-										-		1		1		1		1					
benzylchloride	-		-		1		2		-		-		-		-		2		2	-	1		1			
bismuth carbonates	1		1		1		1						1				1		1		1					

All stated dimensions, sizes and technical data are approx.- figures based on a temperature of 20 °C.
Engineering modifications subject to change.

Medium	Ester-PUR 20 °C 60 °C	Ether-PUR (MHF) 20 °C 60 °C	Weich-PVC 20 °C 60 °C	LLDPE (AIRDUC® und PROTAPE) 20 °C 60 °C	HDPE + LDPE (CP) 20 °C 60 °C	TPE 20 °C 60 °C	NEOPRENE® 20 °C 60 °C	HYPALON® 20 °C 80 °C	VITON® 20 °C 80 °C	Silicon 20 °C 80 °C	PTFE 20 °C 100 °C	PA 20 °C 60 °C	ARAMID 20 °C 100 °C
Benzin-Benzol-Ethanol (50/ 30/ 20%)	3	3	3 -			-		-		-	1		
Benzoesäure, wässrig	3 -	2 3	1 2	1 1	1 1	1 1	-	1 1	1 1	3 -	1	3 -	2 -
Benzol	-	-	-	1	3 -	-	-	-	2 -	-	1	1	1
Benzylalkohol	-	-	3 -	1 1	2 3	1 3	3	1	1	1	1	-	
Benzylbenzoat	-	-					-	1	1	1	1		
Benzylchlorid	-	-	1	2	-	-	-	-	2	2 -	1	1	
Bergblau → Kupferhydroxid													
Bernsteinsäure, wässrig (Butandisäure)	-	3 -	1 1	1 1	1 1	1 1		1 1	1 1	2 -	1	1	
Bier	1	1	1 1	1 1	1 1	1	1	1	1	1	1	1	
Biogas (Sumpfgas)	1	1	1	1	1	-		1	1		1	1	
Biphenyle, polychlorierte (Pyranole; Öle)	2	2	3	3			3	-	1	-	1		
Bismutcarbonate (Wismuthcarbonat)	1	1	1	1			1		1	1	1		
Bisulfitlauge (Hydrogensulfite)	-	3 -	1	1	1	2	1	1	2	3	1		
Bittersalz → Magnesiumsulfat													
Bitumen	2 -	2 -	2 3	1 1	2 3	2 -	-	3 -	1	3 -	1	2	
Blausäure	3	2	1 3	1 1	1 1		3	2 -	3 -	3 -	1		
Bleiacetate, wässrig	1 1	1 1	1 1	1 1	1 1	1	2	1 1	1 1	1	1	2	
Bleiarsenat; wässrig	3	1	1	1			1		1	1	1		
Bleichlauge → Natriumhypochlorit													
Bleinitrat, wässrig	2	1	1	1 1	1 1	1	1	1	1	2	1		
Bleisulfat	1	1	1	1 1	1 1		1	1	1	1	1		
Blut			1	1	1						1	1	
Borax, wässrig	2 3	1 1	1	1 1	1 1	1	1	1 1	1 1	1	1 1	1	
Borsäure, wässrig	2 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	-	1	3 -	
Branntweine	1	1	1 1	1 1	1 1		1	1	1	1	1	1	
Braunkohlenteeröl (a. Steinkohlenteer)	3	3	2	2			3	-	1	-	1		
Bremsflüssigkeit, ATE-	- -	- -	1	1	1	1	-	1	3	2	1	1	
Bremsflüssigkeit, ATS-	- -	- -	1	1	1	1		1	3	2	1	1	
Bremsflüssigkeit, aus Glykolether	-	-									1		
Brennspiritus → Ethanol													
Brom	-	-	-	-	-	-	-	3 -	1	-	1	-	
Brombenzol	-	-	-	1 1	2 3	3 -	-	-	-	-	1	3 -	
Bromwasser	-	-	-	-			-	2	1	-	1		
Bromwasserstoffsäure 50%	-	3 -	1 1	1 1	1 1	1 1	-	1 1	1 1	-	1	-	-
Butadien	2 3	1 2	1 1	2	-	3 -	2	1 1	2 3	3 -	1	1	
Butan, flüssig	1	1	2	1			1	1	1	3	1		
Butan, gasförmig	1	1	3 -	3	2 3	3 -	1	1	1	-	1	1	
Butandiole → Butylenglykol													
Butanol → Butylalkohol													
Butanon → Methylethylketon (MEK)													
Butindiol	1	1						2	3		1		
Butter	2	1	2	1 1	1 1	1	2	2	1 1	1	1	1	
Buttermilch	2	1	1	1 1	1 1	1	2	2	1 1	1	1	1	
Buttersäure, wässrig	3 -	2 3	1 3	1 1	2 3		-	3	2	3 -	1	3	
Butylacetat (Essigsäurebutylester)	-	-	-	1 1	3		-	-	-	-	1	1	
Butylalkohol	2 3	2 3	2 3	1 1	1		1	1 1	1 3	2	1	1	
Butylamin	2	2	-	3			3	-	-	2	1		
Butylbenzoat	1	1					-	-	1	-	1		
Butylcarbitol	-	-					3	2	1	2	1		
Butylen, flüssig (Buten)	1	1	2	2	-	-	-	-	1	3	1	-	
Butylenglykol, wässrig	1	1	3	1 1	1 1	1 2	-	1 1	2	2	1	2	
Butylether	-	3	1	1			2		-	3	1		
Butyloleat	-	-					-	-	1	1	1		
Butylphenole	-	-	3 -	1 1	2 3			-	2 3	-			
Butylstearat	1	1	1	-			-	2	1	1	1		
Butyraldehyd	-	-		1 1	1		-	3	-	-	1		
Calciumacetat	2	2	1 1	1 1	1		3	2	-	2	1		
Calciumbisulfat, wässrig	1	1	1	1			1	1	1	1	1		
Calciumbisulfit, wässrig	3	3	1	1			1	1	1	2	1		
Calciumcarbonat	1	1	1 1	1 1	1 1		1	1	1	1	1	2	
Calciumchlorid, wässrig 10%	2 -	1 3	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1	2	
Calciumhydroxid, wässrig (gelöschter Kalk)	1 3	1 2	1 1	1 1	1 1	1	1	1	1	2	1	1	
Calciumhypochlorit, wässrig	-	-	1 1	1 1	1 1		3	1	1	3 -	1	-	
Calciumnitrat	1	1	1 1	1 1	1 1	1	1	1	1	1	1	1	
Calciumoxid (gebrannter Kalk)	1	1	1	1	1 1		1	1	1	2	1		
Calciumphosphate, wässrig	2	2		1 1	1 1	1		1	1	1	1	3	
Calciumsulfat, wässrig	1	1	1	1 1	1 1		2	1	1	1	1	1	
Calciumsulfid	1	1	1				1	1	1	2	1		
Campher (Campheröl)	-	-		1 1	3 -			3 -	3 -		1	1	
Carbolineum, wässrig	-	-	-	1 1	1		1	-	1	-	1	1	
Carbolsäure → Phenol													
Carosche Säure (Peroxy- monoschwefels.)			1	-			-	2					
Celluloseacetat (Acetylcellulose)	1	1		1			1			1	1	1	
Chlor, flüssig	-	-	-	-	-	-	-	3 -	1	-	1	-	
Chlor, gasförmig trocken	-	-	-	-	-	-	-	3	1	-	1	-	
Chloralhydrat, wässrig	-	-	-	1 1	1 1		2	2	3		1	-	
Chloramin, wässrig	2	2				1		1	1		1		
Chlorbenzol	-	-	-	1	3		-	-	2	-	1	1 1	
Chlorbrommethan	-	-	-	2	-	3 -	-	-	1	-	1	3 -	
Chlorbutadien → Chloropren													
Chlordioxid	-	-	2	-			1	1	1	-	1		
Chlordiphenyl (Clophen)	-	-	-	1			-	-	1	2	1		
Chloressigsäure, Mono-	-	-	1 3	1 1	3 -	1	3	2	-	-	1	-	
Chlorethan (Chlorethyl) → Ethylchlorid													
Chlorethanol → Ethylenchlorhydrin													

Alle angegebenen Maße und Werte sind ca.-Angaben und wurden bei 20 °C ermittelt.
Technische Änderungen vorbehalten.

media	Ester-PUR 20°C 60°C	Ether-PUR (MHF) 20°C 60°C	Soft-PVC 20°C 60°C	LLDPE (AIRDUC® and PROTAPE) 20°C 60°C	HDPE + LDPE (CP) 20°C 60°C	TPE 20°C 60°C	NEOPRENE® 20°C 60°C	HYPALON® 20°C 80°C	VITON® 20°C 80°C	Silicon 20°C 80°C	PTFE 20°C 100°C	PA 20°C 60°C	ARAMID 20°C 100°C
bitter salt → magnesium sulfate													
bitumen (asphalt)	2 -	2 -	2 3	1 1	2 3	2 -	-	3 -	1	3 -	1	2	
black liquor (cellulose-/ pulp-production)	-	-						1 1	1 1	-	1 1		
blood			1	1	1						1	1	
bone oils	1	1	2		2 3	-	-	-	1 1	2 3	1	1	
borax, aqueous	2 3	1 1	1	1 1	1 1	1	1	1 1	1 1	1	1 1	1	
boric acid, aqueous	2 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	-	1	3 -	
brake fluid, ATE-	- -	- -	1	1	1	1	-	1	3	2	1	1	
brake fluid, ATS-	- -	- -	1	1	1	1		1	3	2	1	1	
brake fluid, out of glycol ethers	-	-									1		
brine → sodium chloride													
bromine	-	-	-	-	-	-	-	3 -	1	-	1	-	
bromine water	-	-	-	-			-	2	1	-	1		
bromobenzene	-	-	-	1 1	2 3	3 -	-	-	-	-	1	3 -	
bromochloromethane	-	-	-	2	-	3 -	-	-	1	-	1	3 -	
butadiene	2 3	1 2	1 1	2	-	3 -	2	1 1	2 3	3 -	1	1	
butane, gaseous	1	1	3 -	3	2 3	3 -	1	1	1	-	1	1	
butane, liquid	1	1	2	1			1	1	1	3	1		
butanediols → butylglycol													
butanol → butylalcohol													
butanone → methyl ethyl ketone (MEK)													
butene, aqueous	1	1	2	2	-	-	-	-	1	3	1	-	
butter	2	1	2	1 1	1 1	1	2	2	1 1	1	1	1	
butter milk	2	1	1	1 1	1 1	1	2	2	1 1	1	1	1	
butyl acetates	-	-	-	1 1	3		-	-	-	-	1	1	
butyl benzoate	1	1					-	-	1	-	1		
butyl carbitol	-	-					3	2	1	2	1		
butyl oleate	-	-					-	-	1	1	1		
butyl phenol	-	-	3 -	1 1	2 3			-	2 3	-			
butyl stearate	1	1	1	-			-	2	1	1	1		
butylalcohol	2 3	2 3	2 3	1 1	1		1	1 1	1 3	2	1	1	
butylamine	2	2	-	3			3		-	2	1		
butylether	-	3	1	1			2		-	3	1		
butylglycol, aqueous	1	1	3	1 1	1 1	1 2	-	1 1	2	2	1	2	
butynediol	1	1						2	3		1		
butyraldehyde	-	-		1 1	1		-	3	-	-	1		
butyric acid	3 -	2 3	1 3	1 1	2 3		-	3	2	3 -	1	3	
calcium acetate	2	2	1 1	1 1	1		3	2	-	2	1		
calcium bisulfate, aqueous	1	1	1	1			1	1	1	1	1		
calcium bisulphite, aqueous	3	3	1	1			1	1	1	2	1		
calcium carbonate	1	1	1 1	1 1	1 1		1	1	1	1	1	2	
calcium chloride, aqueous 10%	2 -	1 3	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1	2	
calcium hydroxide, aqueous	1 3	1 2	1 1	1 1	1 1	1	1	1	1	2	1	1	
calcium hypochlorite	-	-	1 1	1 1	1 1		3	1	1	3 -	1	-	
calcium nitrate	1	1	1 1	1 1	1 1	1	1	1	1	1	1	1	
calcium oxide (lime)	1	1	1	1	1 1		1	1	1	2	1		
calcium phosphates, aqueous	2	2		1 1	1 1	1		1	1	1	1	3	
calcium sulfate	1	1	1	1 1	1 1		2	1	1	1	1	1	
calcium sulfide	1	1	1				1	1	1	2	1		
camphor	-	-		1 1	3 -			3 -	3 -		1	1	
cane sugar → sugar													
carbitol	-	-	3	1			3	2	2	2	1		
carbolic acid → phenol													
carbolineum	-	-	-	1 1	1		1	-	1	-	1	1	
carbon dioxide, dry	1 1	1 1	1 1	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1	1 1	
carbon dioxide, wet (carbonic acid)	2	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	
carbon disulfide	-	-	-	1 1	3 -	-	-	-	1	-	1	2	
carbon oxide (carbon monoxide)	1 1	1 1	1 1	1 1	1 1	1 1	2	1 1	1 1	1	1	1 1	
caro's acid			1	-			-	2					
casing head gas → natural gas													
castor oil	1	1	2 3	1 1	2	2	2	1	1	1	1	1	
caustic potash → potash lye													
caustic soda → sodium hydroxide													
celluloseacetate	1	1		1			1			1	1	1	
chloral hydrate	-	-	-	1 1	1 1		2	2	3		1	-	
chloramine, aqueous	2	2				1		1	1		1		
chloric acid, aqueous	-	3 -	1 2	1	2 3	-	1	1 3	3 -	-	1 1	-	
chloride of lime (bleach)	-	-	2 3	1	1	1	3	1 1	1	-	1	3 -	
chlorinated hydrocarbons, generally (see exact media)	-	-	-	-	-	-	-	-	2 3	-	1	3 -	
chlorinated water	-	3 -	2 3	2	3 -	3 -	-	2	1	3	1	-	
chlorine oxides	-	-	2	-			1	1	1	-	1		
chlorine, aqueous	-	-	-	-	-	-	-	3 -	1	-	1	-	
chlorine, gaseous dry	-	-	-	-	-	-	-	3	1	-	1	-	
chloro butadiene → chloroprene													
chloro ethane → ethyl chloride													
chloro ethanol → ethylene chlorohydrin													
chloroacetic acid, mono-	-	-	1 3	1 1	3 -	1	3	2	-	-	1	-	
chlorobenzene	-	-	-	1	3		-	-	2	-	1	1 1	
chloroform (trichlormethanes) → chloromethanes							-						
chloromethanes (chloroform, dichloromethane)	-	-	-	3 -	-	-	-	-	2	-	1	3 -	2
chloroprene (chloro butadiene)	-	-	-	3	-	-	-	2	1	-	1		
chlorosulfuric acid	-	-	-		-	-	-	-	-	-	1	-	
chromic acid 10%	-	3 -	1	3	2 3	2 3	3	1	1	2	1	-	3 -

All stated dimensions, sizes and technical data are approx.- figures based on a temperature of 20 °C.
Engineering modifications subject to change.

Medium	Ester-PUR	Ether-PUR (MHF)	Weich-PVC	LLDPE (AIRDUC® und PROTAPE)	HDPE + LDPE (CP)	TPE	NEOPRENE®	HYPALON®	VITON®	Silicon	PTFE	PA	ARAMID
	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 80 °C	20 °C 80 °C	20 °C 80 °C	20 °C 100 °C	20 °C 60 °C	20 °C 100 °C
Chlorkalk (Calciumchloridhypochlorit)	- -	2 3	1	1	1	3	1 1	1	-	1	3 -		
Chlorkohlenwasserstoffe, allgemein gilt (siehe exaktes Medium)	- -	-	-	-	-	-	-	2 3	-	1	3 -		
Chlormethane (Chloroform, Dichlormethan)	- -	-	3 -	-	-	-	-	2	-	1	3 -	2	
Chloroform (Trichlormethan) → Chlormethane							-						
Chloropren (Chlorbutadien)	- -	-	3	-	-	-	2	1	-	1			
Chlorsäure, wässrig	- 3	- 1 2	1	2 3	-	1	1 3	3 -	-	1 1	-		
Chlorsulfonsäure (Chloroschwefelsäure)	- -	-		-	-	-	-	-	-	1	-		
Chlorwasser	- 3	- 2 3	2	3 -	3 -	-	2	1	3	1	-		
Chlorwasserstoff, -gas/ -säure → Salzsäure													
Chromsäure 10%	- 3	- 1	3	2 3	2 3	3	1	1	2	1	-	3	-
Chromsäure 17%	- -	1		3 -	3 -	-	1	1	3	1	-		
Chromsäure 25%	- -	2	-	-	-	-	2	2	-	1	-		
Chromsäure 50%	- -	-	-	-	-	2	3	2	-	1	-		
Citronensaft	2 1	1	1			1	1	1	2	1	2		
Citronensäure, wässrig	2 -	1 3	1 1	1 1	1 1	1	1 1	1 1	2	1	1 2		
Cresole → Kresole													
Crotonaldehyd (2-Butenal)	3 -	2 3	-	1	1	1	1	1		1			
Cumol → Isopropylbenzol													
Cyankali → Kaliumcyanid													
Cyanwasserstoff, -säure → Blausäure													
Cyclohexan (Hexahydrobenzol)	1 2	1 2	-	1 1	2 -	-	-	1	-	1	1		
Cyclohexanol	3 -	3 -	-	1 1	1 1	-	2	1	-	2	1	1	
Cyclohexanon	- -	-	-	1 1	2 -	-	-	-	-	2	1	1	
Cyclohexylamin	- -	1				-		3 -	-	-	1		
Dampf → Wasserdampf													
DEKALIN (Dekahygronaphtalin)	1 1	1	-				-	-	1	-	1		
Detergentien, allgemein gilt (siehe exaktes Medium)	2 3	1 2	1 3	1 1	1 1	1 1	1	1 1	2 2	2 3	1	1 3	
Dextrine, wässrig (Waschmittel, Reiniger)			1	1 1	1 1	1 1		1 1	1 1	1	1	1	
Dextrose → Glukose													
Diacetonalkohol	2 -	2 -	-	1			3	2	-	2	1	1	
Dibenzylether	- -	-					-	3	1	3	1		
Dibutylamin	- -		-			-	-	-	-	3	1		
Dibutylether	- -	2 -			3 -	-		2 3	-		1	1	
Dibutylphthalat → Phthalsäureester													
Dibutylsebacat → Sebacinsäureester													
Dichlorbenzole	- -	-	1 1	3 -	-	-	-	-	1	-	1	1	
Dichloressigsäure	- -			2 3	2 3	-	1 1	3 -			1	-	
Dichlorethane	- -	-	1 1	3 -			-	-	2		1	1	
Dichlorethylen	- -	-	-	-	-	-	-	-	2	-	1	1	
Dichlormethan → Chlormethane													
Diesel, -kraftstoff/ -öl → Benzin, Diesel-													
Diethanolamin (DEA)				1 1	1 1					2	1		
Diethylamin	- -	-	3			3 -	-	3 -	-	2	1		
Diethylbenzol	- -	1	-				-	-	1	-	1		
Diethylenglykol (Diglykol)	3 3	2	1	1 1	1	1	1	1	1	2	1	2 -	
Diethylenglykolmonoethylether (Carbitol)	- -	3	1			3	2	2	2	1			
Diethylether	1 1	-	1 1	3	3	3	3 -	-	-	1	1	1	
Diethylsebacat -→ Sebacinsäureester													
Diglykol → Diethylenglykol													
Diglykolsäure, wässrig	- -	1 3	1	1 1	1		2	1	3	1	2		
Dimethylamin	- -	-	3	3 -	1	-	2 -	-	-	1	1		
Dimethylanilin (Xylidin)	2 2	-	-			-	3	2	2	1			
Dimethylether (Methylether)	3 3	-	2			-	3	-		1	1		
Dimethylformamid (DMF)	- -	-	1 1	2 -	2	-	3 -	-	2	1	1	2	
Dimethylheptanon (Diisobutylketon)	- -	-		3 -				-		1			
Dinonylphthalat (DNP) → Phthalsäureester													
Dioctylphthalat (DOP) → Phthalsäureester													
Dioctylsebacat → Sebacinsäureester													
Dioxan (Diethylendioxid)	- -	-	1 1	2 3	2 3	-	3 -	-	-	1	1		
Dipenten → Limonen													
Diphenyl	- -	-	2		-	-	-	1	-	1	1		
Diphenylether (Phenylether, Diphenyloxid)	- -	-	1 1	2 3		-	-	2	-	1	2		
Dipropylenglykol			1			1	1	1	2	1			
Dodecanol (Laurylalkohol, 1-Dodecanol)	1 1	1	1 1	1 1		1	1	1	2	1			
Düngesalz, wässrig	- 3	- 1 1	1	1 2	1 1		1 1	1 1		1			
Eau de javelle → Kaliumhypochlorid													
Eisen(III)-chlorid, wässrig 10%	2 3	1 2	1	1 1	1 1	1 2	1	1 1	1 1	1	1	3 -	
Eisensulfate, wässrig (Eisenvitriol)	2 3	1 2	1	1 1	1 1	1	1	1	1	1	1		
Entwicklerflüssigkeiten, allgemein gilt (siehe exaktes Medium)	2 2	1	1	1		1	1	1	1	1	1		
Epichlorhydrin	- -	-	1	1		-	3 -	-	-	1	1		
Erdgas, nass mit >7 C-Atomen (Naturgas)	1 1	3 -	1	2 3	3 3	1	2 3	1	3	1 1	1		
Erdgas, nass mit 1-7 C-Atomen (Naturgas)	2 2	-	1	3 -	-	1	2 3	1	-	1	1		
Erdgas, trocken (Naturgas)	1 1	1	1	1	3 -	1	3 -	1	3 -	1	1		
Erdöl → Öl													
Essig (Speiseessig)	- 3	2	1			1	1	2	1	1			
Essigsäure 3%	3 -	1 2	1 2	1 1	1 2	1	2	1 1	2 -	3 -	1	3 -	1 2
Essigsäure 10%	-	2 3	1 3	1 1	1 3	1	2	2 2	2 -	3 -	1	3 -	1 2
Essigsäure 100% (Eisessig)	- -	-	1	3 -	-	2	2 3	-	-	1	-	1	
Essigsaure Tonerde → Aluminiumacetate													
Essigsäureanhydrid	- -	-	1 1	2 -	1 2	2	1 1	-	1	1	-		
Essigsäureethylester (Ethylacetat, Essigester)	- -	-	1 1	2 3	2 -	-	-	3 -	3 -	1	1		
Ethan	1 1	1	1	1	3 -	2	3 -	1	3 -	1	1		

Alle angegebenen Maße und Werte sind ca.-Angaben und wurden bei 20 °C ermittelt.
Technische Änderungen vorbehalten.

media	Ester-PUR	Ether-PUR (MHF)	Soft-PVC	LLDPE (AIRDUC® and PROTAPE)	HDPE + LDPE (CP)	TPE	NEOPRENE®	HYPALON®	VITON®	Silicon	PTFE	PA	ARAMID
	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 80 °C	20 °C 80 °C	20 °C 80 °C	20 °C 100 °C	20 °C 60 °C	20 °C 100 °C
chromic acid 17%	- -		1		3 -	3 -	-	1	1	3	1	-	
chromic acid 25%	- -		2	-	-	-	-	2	2	-	1	-	
chromic acid 50%	- -		-	-	-	-	2	3	2	-	1	-	
citric acid, aqueous	2 -	1 3	1 1	1 1	1 1	1 1	1	1 1	1 1	2	1	1 2	
cleaners (washing agents) → detergents													
coal tar	3	3	2	2			3	-	1	-	1		
coal tar → creosote													
coconut oil	1 1	1 1	1	1 1	2 3	3	3	3	1 1	2 3	1	1	
coconuts fatty alcohol	- -		1 2	1	1	2 3		1	1 1	2 3	1	1	
copper acetates, aqueous	2	2	1	1 1	1 1	2 -	2	2	-	2	1	1	
copper chloride, aqueous	1	1	1	1 1	1 1	1	1	1	1	2	1		
copper cyanide	3	1	1	1			1	1	1	1	1		
copper fluoride, aqueous	- -			1 1	1 1	1		1	1	3	1	3	
copper hydroxide	1	1		1						1	1		
copper nitrate, aqueous	3 -	3 -	3	1 1	1 1	1 1	1	1 1	1 1	1	1	1	
copper sulfate, aqueous	2	2	2 3	1 1	1 1	1 1	1	1 1	1 1	1	1	1	2 3
cottonseed oil	1	1	1 1	1 1	1 1	2	2	2	1	2	1	1	
creosote (coal tar)	- -		-	2			3	-	1	-	-		
cresols	- -	-	-	2	3 -	-	3	-	1	3 -	1	-	
crotonaldehyde (butenal)	3 -	2 3	-	1		1	1	1	1		1		
crude oil → oil													
cumene → isopropylbenzene													
cyancali → potassium cyanide													
cyclohexane	1 2	1 2	-	1 1	2 -	-	-	-	1	-	1	1	
cyclohexanol	3 -	3 -	-	1 1	1 1	-	2	1	-	2	1	1	
cyclohexanone	- -	-	-	1 1	2 -	-	-	-	-	2	1	1	
cyclohexylamine	- -		1			-		3 -	-	-	1		
DEKALIN	1	1	1	-			-	-	1	-	1		
detergents, generally (see exact media)	2 3	1 2	1 3	1 1	1 1	1 1	1	1 1	2 2	2 3	1	1 3	
developing dyes, generally (see exact media)	2	2	1	1	1		1	1	1	1	1	1	
dextrin, aqueous			1	1 1	1 1	1 1		1 1	1 1	1	1	1	
dextrose → glucose													
di... → sebacic esters													
diacetone alcohol	2 -	2 -	-	1			3	2	-	2	1	1	
dibenzylether	- -		-				-	3	1	3	1		
dibutyl ether	- -		2 -		3 -	-		2 3	-		1	1	
dibutyl phthalates → phthalic ester													
dibutylamine	- -			-		-	-	-	-	3	1		
dichloroacetic acid	- -				2 3	2 3	-	1 1	3 -		1	-	
dichloroacetic acid → chloroacetic acid													
dichlorobenzenes	- -	-	-	1 1	3 -	-	-	-	1	-	1	1	
dichloroethanes	- -	-	-	1 1	3 -			-	2		1	1	
dichloroethylenes	- -	-	-	-	-	-	-	-	2	-	1	1	
dichloromethanes → chloromethanes													
dichloropropanes				-						-	1		
diesel, -fuel/ -oil → gasoline, diesel-													
diethanolamine (iminodiethanol)				1 1	1 1					2	1		
diethyl ether	1	1	-	1 1	3	3	3	3 -	-	-	1	1	1
diethyl sebacat → sebacic esters													
diethylamine	- -		-	3		3 -	-	3 -	-	2	1		
diethylbenzene	- -		1	-			-	-	1	-	1		
diethylene glycol	3	3	2	1	1 1	1	1	1	1	2	1	2 -	
diglycol → diethylene glycol													
diglycolic acid, aqueous	- -		1 3	1	1 1	1		2	1	3	1	2	
diluents → see exact media													
dimethyl ether	3	3	-	2			-	3	-		1	1	
dimethylamine	- -	-	-	3	3 -	1	-	2 -	-	-	1	1	
dimethylanilin (xylidines)	2	2	-	-			-	3	2	2	1		
dimethylformamide	- -	-		1 1	2 -	2	-	3 -	-	2	1	1	2
dimethylheptanon	- -	-	-		3 -				-		1		
dinonyl phthalate → phthalic ester													
dioctyl phthalate → phthalic ester													
dioctyl sebacat → sebacic esters													
dioxane	- -	-	-	1 1	2 3	2 3	-	3 -	-	-	1	1	
dipentene → limonene													
diphenyl	- -	-	-	2		-	-	-	1	-	1	1	
diphenyl chloride	- -	-	-	1			-	-	1	2	1		
diphenyl ether	- -	-	-	1 1	2 3		-	-	2	-	1	2	
dipropylene glycol				1			1	1	1	2	1		
dodecanol (laurylalcohol, 1-dodecanol)	1	1	1	1 1	1 1		1	1	1	2	1		
Eau de javelle → potassium hypochlorite													
epichlorhydrin	- -	-	-	1	1		-	3 -	-	-	1	1	
essential oil of, generally	2	2	-	1 1	3	-	-	-	1	3	1	1	
ethane	1	1	1	1	1	3 -	2	3 -	1	3 -	1	1	
ethanol amines → aminoethanols													
ethanol, 10% (ethyl alcohol, spirit)	2 3	1 2	1 3	1 1	1 1	1 1	1	1 1	1 2	1	1	1 2	
ethanol, 100% (ethyl alcohol, spirit)	2 -	1 3	3 -	1 1	1 1	1 1	1	1	2	1	1	2	1 2
ethanthiol	- -						-	2	-	3	1		
ethene → ethylene													
ethers → ethylene													
ethyl acetate → acetic acid ethyl ester													
ethyl acrylate → acrylic esters													
ethyl alcohol → ethanol													
ethyl chloride	- -		-	1 1	3 -	-	3	3 -	2	-	1	2	
ethyl ether → diethyl ether													

All stated dimensions, sizes and technical data are approx.- figures based on a temperature of 20 °C.
Engineering modifications subject to change.

Medium	Ester-PUR 20 °C 60 °C	Ether-PUR (MHF) 20 °C 60 °C	Weich-PVC 20 °C 60 °C	LLDPE (AIRDUC® und PROTAPE) 20 °C 60 °C	HDPE + LDPE (CP) 20 °C 60 °C	TPE 20 °C 60 °C	NEOPRENE® 20 °C 60 °C	HYPALON® 20 °C 80 °C	VITON® 20 °C 80 °C	Silicon 20 °C 80 °C	PTFE 20 °C 100 °C	PA 20 °C 60 °C	ARAMID 20 °C 100 °C
Ethanol, 10% (Ethylalkohol, Spiritus)	2 3	1 2	1 3	1 1	1 1	1 1	1	1 1	1 2	1	1	1 2	
Ethanol, 100% (Ethylalkohol, Spiritus)	2 -	1 3	3 -	1 1	1 1	1 1	1	1	2	1	1	2	1 2
Ethanolamine → Aminoethanole													
Ethen → Ethylen													
Ether → Diethylether													
Etherische Öle, allgemein gilt	2	2	-	1 1	3	-	-	-	1	3	1	1	
Ethylacetat → Essigsäureethylester													
Ethylacrylat → Acrylsäureester													
Ethylalkohol → Ethanol													
Ethylbenzol	-	-	-	1 1	3 -	-	-	-	3	-	1	1	
Ethylbromid (Bromethan)	2	2	-	2			-	-	1	-	1	1	
Ethylchlorid (Chlorethan, Chlorethyl)	-	-	-	1 1	3 -	-	3	3 -	2	-	1	2	
Ethylen (Ethen)	1	1	1	1	1		2	-	1	2	1	1	
Ethylenchlorhydrin (Chlorethanol)	-	-	-	1 1	1 1	2	-	2	-	-	1	-	
Ethylenchlorid → Dichlorethane													
Ethylendiamin	-	-	-	1 1	2	1	2	2	3	3 -	1	1	
Ethylenglykol (Glykol)	2 -	1 3	2	1 1	1 1	1 1	1	1 1	1 1	1 1	1	2	1 2
Ethylenoxid, gasförmig	-	-	-	2	-	2	-	-	3 -	-	1	3	
Ethylether → Diethylether													
Ethylmerkaptan	-	-					-	2	-	3	1		
FAM-Kraftstoff → Benzin													
FCKW → Freon													
Fettalkohole, allgemein gilt (siehe exaktes Medium)	3	2	2	1	2 -	3		2	2	2	1	2	
Fette → Öl													
Fettsäuren mit >7 C-Atomen, allgemein gilt	2 3	1 2	1	2	2		3	3	1	3	1	2	
Fettsäuren mit 1-7 C-Atomen, allgemein gilt	3 -	2 3	1	2	2		3	3	1	3	1	2	
Fichtennadelöl	2	2	-	1 1	2			-	2	3	1	1	
Firnis	3	2	-	1			-	-	1	-	1		
Fischtran	2	2	2	1			1	3	1	1	1	1	
Flugbenzin → Benzin (Kerosin)													
Fluor, gasförmig	-	-	3		-	-	-	-	1 2	3	1	-	
Fluorbenzol	-	-				-	-	-	1	-	1		
Fluorborsäure 65%	-	-	1	1			3	2	2	-	1		
Fluorchlorkohlenwasserstoff (FCKW) → Freon													
Fluorokieselsäure, wässrig	-	-	1 1	2	1 1		2	1 2	1	2 3	1		
Flüssiggas → siehe exaktes Medium													
Flußsäure, 10% (Fluorwasserstoffsäure)	3 -	2 -	1 1	1 1	1 1		2	1 1	2	2 3	1		2
Flußsäure, 40% (Fluorwasserstoffsäure)	-	3 -	1 2	1 1	2 3		2	1 1	2	3 -	1	-	
Flußsäure, 70% (Fluorwasserstoffsäure)	-	-	3 -	-	3 -		2	1 1	3	-	1	-	
Formaldehyd, wässrig (Methanal)	2 -	2 -	2 3	1 1	1 1	1 1	2	1	1 1	1 2	1	3	1
Formamid	-	-	-	1 1	1 1	1 1		1 1	2 3		1	2 3	
Foto-Emulsionen, allgemein gilt (siehe exaktes Medium)	-	-	1	1	1	1		1	1	2	1	2	
Foto-Entwickler, allgemein gilt (siehe exaktes Medium)	-	-	2	1 1	1 1	1		1	1	2	1	1	
Foto-Fixierbäder, allgemein gilt (siehe exaktes Medium)	-	-	1		1 1	1		1	1	2	1	1	
Freon R 11 (Frigen)	3	3						1	1	-		1	1
Freon R 113 (Frigen)	3	3						1	2		1		
Freon R 114 (Frigen)	1	1	1					1	2		1	1	
Freon R 12 (Frigen)	3	3	2		-			1	2	-	1	1	
Freon R 22 (Frigen)	3	3				-		-	-	-	1	1	1
Frostschutzmittel → siehe exaktes Medium													
Fruchtsäfte	2 3	2 3	1	1 1	1 1		1	1 1	1 1	1 1	1	1	
Furan	-	-	1	-			-	-	-		1		
Furfural (Furfurol)	-	-	-	1 1	3 -	-	3	3	-	3	1	2	
Gallussäure	-	3 -	1	1 1	1 1		3	1	1	2	1	2	
Gasohol (Gasoline)								-		-	1		
Gelatine, wässrig	2 3	1 2	1	1 1	1 1	1 1	1	1	1	1	1		
Gerbsäure → Tannine													
Getriebeöl → Öl													
Glaubersalz → Natriumsulfat													
Glukose (Glykose, Traubenzucker)	2 3	1 2	1 2	1 1	1 1	1 1	1	1 1	1 1	1 1	1	1	
Glycerin (Glycerol)	1 1	1 1	1 3	1 1	1 1	1 1	1	1 1	1 1	1	1	1	
Glycin, wässrig 10% (Glykokoll)	-	-	1			1		2 3	1	2 3	1		
Glykol → Ethylenglykol													
Glykolsäure, 30% (Hydroxyessigsäure)	-	3 -	1 1	1	1 1	1		1 1	1 1	1	1	-	
Grubengas → Methan													
Harnstoff, wässrig	3 -	3 -	1 3	1 1	1 1	1	1	1	1	3 -	1	1	
Hefe, wässrig	-	1	1	1 1	1 1	1		1	1	1	1	1	
Heizöl → Benzin, Diesel/ Dieselöl/ Heizöl													
Helium	1 1	1 1	1 1	1 1	1 1	1 1	2	1 1	1 1	1 1	1 1	1 1	
Heptan	1 1	1 1	-	1 1	2 -	-	3	2 3	1 1	-	1	1	
Hexachlorcyclohexan → Lindan													
Hexan	1 2	1 2	-	1 1	3 -	-	1	2	1	-	1	1	
Hexanal (Hexaldehyd)	-	-		1			2	-	-	-	1	1	
Hexanol (Hexylalkohol)	-	-	-	1 1	1 1	-	2	1	1 1	-	1	2	
Hexantriol	-	-	1	1	1 1	1		1	1	1	1		
Hexen	1	1		1			2	3	1	-	1		
Holzöl	3	2	3	2			-	3	1	3	1		
Hydraulikflüssigkeit, Hydrauliköle DIN 51 524	1 1	1 1	3					-	1 1	3	1	1	
Hydraulikflüssigkeit, Öl-in-Wasser-Emulsionen HFA	1 1	1 1		1 1	1 1	1 1		3	1	3	1		
Hydraulikflüssigkeit, Phosphorsäureester HFD	-	-	-			-		-	2	-	1	1	
Hydraulikflüssigkeit, Polyglykol-Wasser HFC	2 -	1 3						1	1	2	1	2	
Hydraulikflüssigkeit, Wasser-Öl-Emulsionen HFB	-	-						2	1		1		

Alle angegebenen Maße und Werte sind ca.-Angaben und wurden bei 20 °C ermittelt.
Technische Änderungen vorbehalten.

media	Ester-PUR 20°C 60°C	Ether-PUR (MHF) 20°C 60°C	Soft-PVC 20°C 60°C	LLDPE (AIRDUC® and PROTAPE) 20°C 60°C	HDPE + LDPE (CP) 20°C 60°C	TPE 20°C 60°C	NEOPRENE® 20°C 60°C	HYPALON® 20°C 80°C	VITON® 20°C 80°C	Silicon 20°C 80°C	PTFE 20°C 100°C	PA 20°C 60°C	ARAMID 20°C 100°C
ethylbenzene	-	-	-	1 1	3 -	-	-	-	3	-	1	1	
ethylbromide	2	2	-	2			-	-	1	-	1	1	
ethylene	1	1	1	1	1		2	-	1	2	1	1	
ethylene chloride → dichloroethanes													
ethylene chlorohydrin	-	-	-	1 1	1 1	2	-	2	-	-	1	-	
ethylene glycol (glycol)	2 -	1 3	2	1 1	1 1	1 1	1	1 1	1 1	1 1	1	2	1 2
ethylene oxide, gaseous	-	-	-	2	-	2	-	-	3 -	-	1	3	
ethylenediamine	-	-	-	1 1	2	1	2	2	3	3 -	1	1	
FAM-Fuel → gasoline													
fats → oil													
fatty acids with >7 C-atoms, generally	2 3	1 2	1	2	2		3	3	1	3	1	2	
fatty acids with 1-7 C-atoms, generally	3 -	2 3	1	2	2		3	3	1	3	1	2	
fatty alcohols, generally (see exact media)	3	2	2	1	2 -	3		2	2	2	1	2	
fermentation gas (marsh gas)	1	1	1	1	1	-		1	1		1	1	
fertilizing salt, aqueous	-	3 -	1 1	1	1 2	1 1		1 1	1 1		1		
fir needle oil	2	2	-	1 1	2			-	2	3	1	1	
fish liver oil	1	1	-	1 1	2 -	1	3	2	1	2	1	1	
flight-gasoline → gasoline (kerosene)													
fluorbenzene	-	-				-		-	1	-	1		
Fluoride of boron acid 65%	-	-	1	1			3	2	2	-	1		
fluorine, gaseous	-	-	3		-	-	-	-	1 2	3	1	-	
fluorosilicic acid, aqueous	-	-	1 1	2	1 1		2	1 2	1	2 3	1		
formaldehyde, aqueous	2 -	2 -	2 3	1 1	1 1	1 1	2	1	1 1	1 2	1	3	1
formamide	-	-	-	1 1	1 1	1 1		1 1	2 3		1	2 3	
formic acid, 100%	-	-	2 -	1 1	1 1	2 -	2	3 -	-	-	1 1	-	3 -
formic acid, 3%	2 -	1 2	1 1	1 1	1 1	1 2	2	1 1	2 -	1 3	1 1	3 -	1
formic acid, 10%	3 -	2 -	1 2	1 1	1 1	1 3	2	1 2	3 -	2 -	1 1	-	2
freon R 11 (frigen)	3	3						1	1	-		1	1
freon R 113 (frigen)	3	3						1	2		1		
freon R 114 (frigen)	1	1	1					1	2		1	1	
freon R 12 (frigen)	3	3	2		-			1	2	-	1	1	
freon R 22 (frigen)	3	3				-		-	-	-	1	1	1
fruit juice, fruit wine	2 3	2 3	1	1 1	1 1		1	1 1	1 1	1 1	1	1	
fungi → microbes													
furan	-	-	1	-			-	-	-		1		
furfurol	-	-	-	1 1	3 -	-	3	3	-	3	1	2	
gallic acid	-	3 -	1	1 1	1 1		3	1	1	2	1	2	
gasohol								-		-	1		
gasoline, ASTM-Fuel A	1	1	3 -			-	1	1	1	3	1		
gasoline, ASTM-Fuel B	3	3	3 -			-	-	-	1	3	1	1	
gasoline, ASTM-Fuel C	-	-	3 -			-	-	-	1	-	1		
gasoline, diesel/ diesel oil/ heating oil	1	1	3 -	1 1	2 3	-	-	-	1 1	3	1	1	
gasoline, FAM-Fuel DIN 51604-A	1	1	3 -			-					1		
gasoline, FAM-Fuel DIN 51604-B	2	2	3 -			-					1		
gasoline, FAM-Fuel DIN 51604-C	3	2	3 -			-					1		
gasoline, flight- (kerosene)	1	1	3 -	1 1	2 3	-	1	-	1	3	1	1	1
gasoline, generally (see exact media)	1	1	3 -	1 1	2 3	-	1	-	1 1	3 -	1 1	1	1
gasoline, white spirits	1 2	1 2	3 -	1	2 -	-		-	1	-	1		
gasoline-benzene (50/ 50%)	3	3	3 -			-		-	2	-	1		
gasoline-benzene (60/ 40%)	2	2	3 -			-		-	2	-	1		
gasoline-benzene (70/ 30%)	2	2	3 -			-		-	1	3	1	1	
gasoline-benzene (80/ 20%)	2	2	3 -	3	2 3	-		-	1	3	1	1	
gasoline-benzene-ethanol (50 /30 / 20%)	3	3	3 -			-		-		-	1		
gear lubricant → oil													
gelatin	2 3	1 2	1	1 1	1 1	1 1	1	1	1	1	1		
Glauber´s salt → sodium sulfate													
glucose (dextrose)	2 3	1 2	1 2	1 1	1 1	1 1	1	1 1	1 1	1 1	1	1	
glue (e.g. for wood)	2	2	1	1	1 1	1	1	1	1	1	1	1	
glycerol	1 1	1 1	1 3	1 1	1 1	1 1	1	1 1	1 1	1	1	1	
glycine, aqueous 10%	-	-	1			1		2 3	1	2 3	1		
glycol → ethylene glycol													
glycolic acid, 30%	-	3 -	1 1	1	1 1	1		1 1	1 1	1	1	-	
grape juice → fruit juice													
grape sugar → glucose													
HCFC → freon													
heating oil → gasoline, diesel													
helium	1 1	1 1	1 1	1 1	1 1	1 1	2	1 1	1 1	1 1	1 1	1 1	
heptane	1 1	1 1	-	1 1	2 -	-	3	2 3	1 1	-	1	1	
hexachlorocyclohexane → lindane													
hexanal	-	-		1			2	-	-	-	1	1	
hexane	1 2	1 2	-	1 1	3 -	-	1	2	1	-	1	1	
hexanetriol	-	-	1	1	1 1	1		1	1	1	1		
hexanol	-	-	-	1 1	1 1	-	2	1	1 1	-	1	2	
hexene	1	1		1			2	3	1	-	1		
hydraulic fluid, hydraulic oils DIN 51 524	1 1	1 1	3					-	1 1	3	1	1	
hydraulic fluid, oil-in-water-emulsion HFA	1 1	1 1				-		3	1	3	1		
hydraulic fluid, phosphoric esters HFD	-	-	-					-	2	-	1	1	
hydraulic fluid, polyglycol-water HFC	2 -	1 3						1	1	2	1	2	
hydraulic fluid, water-oil-emulsion HFB	-	-						2	1		1		
hydrazine	-	-	1 2	1			3	3	-	-	1	-	
hydrazine hydrate	3 -	2 3	1	1		1	2	1	-	3	1		
hydrobromic acid 50%	-	3 -	1 1	1 1	1 1	1 1	-	1 1	1 1	-	1	-	-
hydrochloric acid, 3%	3 -	1 2	1 1	1 1	1 1	1 1		1 1	1 1	1 2	1 1	3 -	3
hydrochloric acid, 10%	-	2 3	1 2	1 1	1 1	1 2	3	1 1	1 1	2 3	1 1	-	-
hydrochloric acid, 40%	-	-	2 3	1 1	2 3	2 3	3	2 3	1 1	-	1 1	-	-

All stated dimensions, sizes and technical data are approx.- figures based on a temperature of 20 °C.
Engineering modifications subject to change.

Medium	Ester-PUR	Ether-PUR (MHF)	Weich-PVC	LLDPE (AIRDUC® und PROTAPE)	HDPE + LDPE (CP)	TPE	NEOPRENE®	HYPALON®	VITON®	Silicon	PTFE	PA	ARAMID
	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 80 °C	20 °C 80 °C	20 °C 80 °C	20 °C 100 °C	20 °C 60 °C	20 °C 100 °C
Hydrazin	- -		1 2	1			3	3	-	-	1	-	
Hydrazinhydrat	3 -	2 3	1	1		1	2	1	-	3	1		
Hydrochinon, wässrig	-	-	1 3	1 1	1 1		2	1	1	3	1		
Hydroxylaminsulfat, wässrig	-	-	1			1		1	1	1	1		
Isobutylalkohol	-	-	1	1 1	1 1	1	1	1	1	1	1	2	
Isooctan	1 2	1 3	-	1 1	2 -	-	3	1	1	2	1	1	
Isooctanol (Isooctylalkohol)	-	-	-	1			3	2	1	3	1 0		
Isophoron	3	3	-				-	-	-	-	1		
Isopropanol (Isopropylalkohol)	2 -	1 -	3 -	1 1	1 1	1 1	2	1 1	1 1	3	1	2 -	
Isopropylacetat	3 -	2 -	3 -	1 1	1 2		-	-	-	3	1	1	
Isopropylbenzol (Cumol)	-	3 -	-	-		-	-	-	1	-	1		
Isopropylchlorid	-	-				-	-	-	1	-	1		
Isopropylether	3 -	2 -	3	1 1	3 -	-	-	2 3	-	-	1		
Jauche	-	1	1	1			1	1	1	1	1		
Jodtinktur (5-10% alkohol. Jodlsg.)	-	-	2	2			3	2	1	-	1		
Kalilauge 10%	2 3	1 2	1 2	1 1	1 1	1 2	1	1 1	1 2	2 3	1	1	2
Kalilauge 50%	-	3 -	2 3	1 1	1 2	2 3		1 1	2 3	3 -	1	2	
Kaliumacetat, wässrig	3 -	3 -	1	1 1	1 1	1	-	1	-	-	1		
Kaliumaluminiumsulfat → Alaun													
Kaliumbicarbonat → Kaliumhydrogencarbonat													
Kaliumbisulfat → Kaliumhydrogensulfat													
Kaliumborat, wässrig	3 -	2 -	1	1 1	1 1	1	1	1	1	1	1	1	
Kaliumbromat 10%	-	-	1	1 1	1 2	1 1		1 1	1 1	2 3	1	3	
Kaliumbromid, wässrig	3 -	2 -	1	1 1	1 1	1 1	1	1 1	1 1	1	1	2	
Kaliumcarbonat, wässrig (Pottasche)	3 -	3 -	1	1 1	1 1	1	1	1	1	1	1	1	
Kaliumchlorat, wässrig	3 -	2 -	1 3	1 1	1 1	1 1	1	1 1	1 1	3 -	1	1	
Kaliumchlorid, wässrig	2 -	1 3	1 1	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
Kaliumchromat, wässrig 40%	-	-	1 3	1 1	1 1	1	1	1	1	2 3	1		
Kaliumcyanid, wässrig (Cyankali)	3 -	3 -	2	1 1	1 1	1	1	1	2	2	1		
Kaliumdichromat, wässrig 40%	-	3 -	2 3	1 1	1 1	1	2	1	1	3	1	-	
Kaliumhydrogencarbonat (Kaliumbicarbonat)	2	2	1	1 1	1 1		1	1	1	1	1	3	
Kaliumhydrogensulfat (Kaliumbisulfat), wässrig	-	3 -		1 1	1 1	1		1	1	2	1	3	
Kaliumhydroxid → Kalilauge							1						
Kaliumhypochlorit	-	-	1	3			-	3	2	3	1 1	3	
Kaliumiodid, wässrig	-	-	1	1 1	1 1	1 1	1	1 1	1 1	2 3	1 1	1	
Kaliumnitrat, wässrig	2 -	1 3	1	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
Kaliumperchlorat, wässrig	-	-	1			1 1		1 1	1 1	2 3	1	-	
Kaliumpermanganat, wässrig 5%	3 -	2 3	2 3	1 1	1 1	1 1	2	1 1	1 1	1 2	1	-	
Kaliumperoxodisulfat (Kaliumpersulfat)	-	3 -	1 3	1 1	1 1	1 1		1 1	1 1	3 -	1	-	
Kaliumphosphat (mono- und dibasisch)	1	1		1			1	1	1	-	1		
Kaliumsulfat, wässrig	1 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	2	1	1	
Kaliumsulfit	1	1	1	1 1	1 1		1	1	1	1	1	1	
Kalk, gebrannter → Calciumoxid													
Kalk, gelöschter → Calciumhydroxid													
Kalkmilch (Kalkwasser) → Calciumhydroxid													
Kältemittel → Freon													
Kerosin → Benzin (Kerosin)													
Ketone, allgemein gilt (siehe exaktes Medium)	-	-	-	1 1	2 3	2 3	-	-	-	2 3	1	1 3	
Kieselfluorwasserstoffsäure, wässrig	-	-	1	-				2	-	-	1		
Kieselsäuren, wässrig	-	3 -	1 2	1 1	1 1	1 1	1	1 1	1 1	2 3	1		
Knochenöle	1	1	2		2 3	-	-	-	1 1	2 3	1	1	
Kochsalz → Natriumchlorid													
Kohlendioxid, nass (Kohlensäure)	2	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	
Kohlendioxid, trocken	1 1	1 1	1 1	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1	1 1	
Kohlenoxid (Kohlenmonoxid)	1 1	1 1	1 1	1 1	1 1	1 1	2	1 1	1 1	1	1	1 1	
Kokosnussfettalkohol	-	-	1 2	1	1	2 3		1	1 1	2 3	1	1	
Kokosnussöl	1 1	1 1	1	1 1	2 3	3	3	3	1 1	2 3	1	1	
Königswasser	-	-	-	-	-	-	3	3	3	3	1	-	
Kraftstoff → Benzin													
Kreosot (Steinkohlenteer)	-	-	-	2			3	-	1	-	-		
Kresole (Methylphenole)	-	-	-	2	3 -	-	3	-	1	3 -	1	-	
Kupferacetate, wässrig	2	2	1	1 1	1 1	2 -	2	2	-	2	1	1	
Kupferchlorid, wässrig	1	1	1	1 1	1 1	1	1	1	1	2	1		
Kupfercyanid	3	1	1	1			1	1	1	1	1		
Kupferfluorid, wässrig	-	-		1 1	1 1	1		1	1	3	1	3	
Kupferhydroxid (Bergblau)	1	1		1						1	1		
Kupfernitrat, wässrig	3 -	3 -	3	1 1	1 1	1 1	1	1 1	1 1	1	1	1	
Kupfersulfat, wässrig	2	2	2 3	1 1	1 1	1 1	1	1 1	1 1	1	1	1	2 3
Lachgas	1	1	1	1	1	1	1	1	1	1	1	1	
Lack → siehe exaktes Medium/ Lösungsmittel													
Lanolin (Wollfett, Wollwachs)	1 1	1 1	2 -	1 1	1 2	-	3	3	1 1	3	1	1	
Laugen, allgemein gilt (siehe exaktes Medium)	2 3	1 2	1 2	1 1	1 2	2 2	1	1 1	2 -	2 -	1	-	
Laurylalkohol → Dodecanol													
Lavendelöl	2	2				-	2	-	1	-	1	1	
Lebertran	1	1	-	1 1	2 -	1	3	2	1	2	1	1	
Leim	2	2	1	1	1 1	1	1	1	1	1	1	1	
Leinöl	2 3	2 3	2 -	1 1	2 3	2	2	1	1	1	1	1	
Leuchtgas → Stadtgas													
Limonen (Dipenten)	2	2			-	-		-	1	2	1		
Lindan → Hexachlorcyclohexan													
Linolsäure	2	1				-		-	2	3	1		
Lithiumbromid	1	1		1 1	1 1	1		1	1	2	1	-	
Lithiumchlorid	1	1	1	1 1	1 1			1	1	1	1	-	
Lösungsmittel, allgemein gilt (siehe exaktes Medium)	-	-	-	1 1	3 -	-		-	-	-	1 1	2	

Alle angegebenen Maße und Werte sind ca.-Angaben und wurden bei 20 °C ermittelt.
Technische Änderungen vorbehalten.

media	Ester-PUR	Ether-PUR (MHF)	Soft-PVC	LLDPE (AIRDUC® and PROTAPE)	HDPE + LDPE (CP)	TPE	NEOPRENE®	HYPALON®	VITON®	Silicon	PTFE	PA	ARAMID
	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 80 °C	20 °C 80 °C	20 °C 80 °C	20 °C 100 °C	20 °C 60 °C	20 °C 100 °C
hydrochlorofluorocarbons (HCFC) → freon													
hydrofluoric acid 10%	3 -	2 -	1 1	1 1	1 1		2	1 1	2	2 3	1		2
hydrofluoric acid 40%	-	3 -	1 2	1 1	2 3		2	1 1	2	3 -	1	-	
hydrofluoric acid 70%	-	-	3 -	-	3 -		2	1 1	3	-	1	-	
hydrogen	1	1	1	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1	1	
hydrogen chloride, -gas/ -acid → hydrochloric acid													
hydrogen cyanide	3	2	1 3	1 1	1 1		3	2 -	3 -	3 -	1		
hydrogen peroxide, 3%	1 2	1 2	1 1	1 1	2 3	1 2	-	1 1	1 1	1	1 1	-	
hydrogen peroxide, 30%	2 -	2 -	2 3	1 1	3 -	2 3	2	1 1	1 1	1	1 1	-	
hydrogen sulfide, dry or wet	3 -	3 -	-	1 1	1 1	1	3	1 1	1 1	2 3	1 1	1	
hydrogen sulfites	-	3 -	1	1	1	2	1	1	2	3	1		
hydroquinone, aqueous	-	-	1 3	1 1	1 1		2	1	1	3	1		
hydrosilikoflouric acid, aqueous	-	-	1	-				2	-	-	1		
hydroxylamine sulfate	-	-	1			1		1	1	1	1		
ink, for writing	1	1	1 1	1	1 1	1		1	3	1	1	1	
iron sulfates, aqueous	2 3	1 2	1	1 1	1 1	1	1	1	1	1	1		
iron(III)-chloride, aqueous 10%	2 3	1 2	1	1 1	1 1	1 2	1	1 1	1 1	1	1	3 -	
isobutylalcohol	-	-	1	1 1	1 1	1	1	1	1	1	1	2	
isooctane	1 2	1 3	-	1 1	2 -	-	3	1	1	2	1	1	
isooctanol	-	-	-	1			3	2	1	3	1 0		
isophorone	3	3	-				-	-	-	-	1		
isopropanol (isopropyl alcohol)	2 -	1 -	3 -	1 1	1 1	1 1	2	1 1	1 1	3	1	2 -	
isopropylacetate	3 -	2 -	3 -	1 1	1 2		-	-	-	3	1	1	
isopropylbenzene (cumene)	-	3 -	-	-		-	-	-	1	-	1		
isopropylchloride	-	-				-	-	-	1	-	1		
isopropylether	3 -	2 -	3	1 1	3 -	-	-	2 3	-	-	1		
Javel water → sodium hypochlorite													
kerosene → gasoline (kerosene)													
ketones, generally (see exact media)	-	-	-	1 1	2 3	2 3	-	-	-	2 3	1	1 3	
kresols → cresols													
lacquers → see exact media/ solvent													
lactic acid, aqueous 3%	2 3	1 2	1 2	1 1	1 1	1 1	3	1 1	1 1	1	1	2	
lactic acid, aqueous 50%	-	-	3 -	1 1	1 1	1 1		1 1	1 1	3	1	-	
lactic acid, aqueous10%	3 -	2 3	2 3	1 1	1 1	1 1		1 1	1 1	2	1	3	
lanolin (wool fat)	1 1	1 1	2 -	1 1	1 2	-	3	3	1 1	3	1	1	
laughing gas	1	1	1	1	1	1	1	1	1	1	1	1	
laurylalcohol → dodecanol													
lavender oil	2	2				-	2	-	1	-	1	1	
lead acetates, aqueous	1 1	1 1	1 1	1 1	1 1	1	2	1 1	1 1	1	1	2	
lead arsenate, aqueous	3	1	1	1			1		1	1	1		
lead nitrate, aqueous	2	1	1	1 1	1 1	1	1	1	1	2	1		
lead sulfate	1	1	1	1 1	1 1		1	1	1	1	1		
lemon juice	2	1	1	1			1	1	1	2	1	2	
lighting gas (illuminating gas) → town gas													
lime → calcium hydroxide													
lime → calcium oxide							1						
lime, burned → calcium oxide													
lime, milk of- (lime water) → calcium hydroxide													
limonene (dipentene)	2	2			-	-		-	1	2	1		
lindane → hexachlorocyclohexane													
linoleic acid	2	1				-		-	2	3	1		
linseed oil (flaxseed oil)	2 3	2 3	2 -	1 1	2 3	2	2	1	1	1	1	1	
liquefied gas (LPG) → see exact media													
liquid ammonia → ammonia													
liquide manure	-	1	1	1			1	1	1	1	1		
lithium bromide	1	1		1 1	1 1	1		1	1	2	1	-	
lithium chloride	1	1	1	1 1	1 1			1	1	1	1	-	
lubricating oils/ greases → oil													
machine oils → oil													
magnesium chloride, aqueous 10%	1 -	1 3	1 2	1 1	1 1	1 1	2	1 1	1 1	1	1	1	
magnesium hydroxide, aqueous	1	1	1	1 1	1 1	1	1	1	1	1	1	1	
magnesium silikates (talc)	1	1	1	1			1	1	1	1	1		
magnesium sulfate, aqueous	1 2	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	3	1	1	
magnesium sulfites, aqueous	3	1	1	1			1	1	1	1	1		
maize germ oil	2 3	2 3	2 3	1	2 -		1	1	1	2	1	1	
maleic acid, aqueous	3 -	2 3	1 3	1 1	1 2	1 2	-	1 1	1 1	2 3	1	2	
malic acid, aqueous (apple juice)	-	3 -	1	1	1	1	1	1	1	1	1	1	
margarine	1 1	1 1	1 2	1 1	2 -	-	2	2 3	1 1	3 -	1	1	
marsh gas → fermentation gas													
mash	1	1	1	1	1	1	1	1	1	1	1	1	
MEK → methyl ethyl ketone													
melamine			-				-		1	3	1		
menthol	3 -	3 -		1 1	2 -	1 2		1 1	1 1	-	1	2	
mercury	1 1	1 1	1 1	1 1	1 1	1 1	2	1 1	1 1	1	1	2	
mercury nitrates	2 -	2 3	1	1 1	1 1				1	1	1	1	
mercury salts, aqueous generally	-	-	2	1 1	1 1	1		1	1	1	1	-	
mercury(II)-chloride	2 -	2 3	3 -	1 1	1 1	1	2	1	1	1	1 1	-	
mesityl oxide	-	-	-	3			-	-	-	-	1		
methane	1	1	1	1		-	-	2	1	3 -	1	1	
methanol (methyl alcohol)	2 -	2 3	3 -	1 1	1 1	1 2	1	1 1	3 -	2	1	3	
methyl acetate	-	-	3 -	1 1	1 1	1 2	-	-	-	-	1	1	
methyl acrylate	-	-	-		-		2	-	-	-	1		
methyl alcohol → methanol													1
methyl bromide	-	-	-	3	-	-	-	-	2	-	1		
methyl chloride → chloromethanes							-						

All stated dimensions, sizes and technical data are approx.- figures based on a temperature of 20 °C.
Engineering modifications subject to change.

Medium	Ester-PUR 20 °C 60 °C	Ether-PUR (MHF) 20 °C 60 °C	Weich-PVC 20 °C 60 °C	LLDPE (AIRDUC® und PROTAPE) 20 °C 60 °C	HDPE + LDPE (CP) 20 °C 60 °C	TPE 20 °C 60 °C	NEOPRENE® 20 °C 60 °C	HYPALON® 20 °C 80 °C	VITON® 20 °C 80 °C	Silicon 20 °C 80 °C	PTFE 20 °C 100 °C	PA 20 °C 60 °C	ARAMID 20 °C 100 °C
Luft, feucht → Wasserdampf													
Luft, ölhaltig → Öl													
Luft, trocken	1 1	1 1	1 1	1 1	1 1	1 1		1 1	1 1	1 1	1 1	1 1	
Magnesiumchlorid, wässrig 10%	1 -	1 3	1 2	1 1	1 1	1 1	2	1 1	1 1	1	1	1	
Magnesiumhydroxid, wässrig	1	1	1	1 1	1 1	1	1	1	1	1	1	1	
Magnesiumsilikat (Talk)	1	1	1	1			1	1	1	1	1		
Magnesiumsulfat, wässrig	1 2	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	1 3	1	1	
Magnesiumsulfit, wässrig	3	1	1	1			1	1	1	1	1		
Maische	1	1	1	1	1	1	1	1	1	1	1	1	
Maiskeimöl	2 3	2 3	2 3	1	2 -		1	1	1	2	1	1	
Maleinsäure, wässrig	3 -	2 3	1 3	1 1	1 2	1 2	-	1 1	1 1	2 3	1	2	
Margarine	1 1	1 1	1 2	1 1	2 -	-	2	2 3	1 1	3 -	1	1	
Maschinenöle → Öl													
Meerwasser → Wasser													
MEK → Methylethylketon													
Melamine			-				-		1	3	1		
Melasse	3 -	2 -	1 2	1 1	1 1	1 2	1	1 1	1 1	1	1	1	
Menthol	3 -	3 -		1 1	2 -	1 2		1 1	1 1	-	1	2	
Mesityloxide	-	-	-	3			-	-	-	-	1		
Methan	1	1	1	1		-	-	2	1	3 -	1	1	
Methanol (Methylalkohol)	2 -	2 3	3 -	1 1	1 1	1 2	1	1 1	3 -	2	1	3	
Methylacetat	-	-	3 -	1 1	1 1	1 2	-	-	-	-	1	1	
Methylacrylat	-	-	-		-		2	-	-	-	1		
Methylalkohol → Methanol													1
Methylamin, wässrig	-	-	3 -	1		1	2	1	-	-	1		
Methylbromid (Brommethan)	-	-	-	3	-	-	-	-	2	-	1		
Methylchlorid → Chlormethane							-						
Methylchloroform → Trichlorethane							-						
Methylenchlorid (Dichlormethan) → Chlormethane													
Methylethylketon (MEK)	-	-	-	1 1	2 -	3 -	3	3 -	-	-	1	2	
Methylglykol → Ethylenglykol							3						
Methylisobutylketon	-	-	-	2		3 -	-	-	-	-	1	2	
Methylpyrrolidon (NMP)	-	-										2	
Mikroben (Mikroorganismen)	- -	1 1	1 1	2 3	2 3	2 3		1 1	1 1	3 3	1 1	1	
Milch	1	1	1	1 1	1 1	1	-	1	1	1	1	1	
Milchsäure, wässrig 3%	2 3	1 2	1 2	1 1	1 1	1 1	3	1 1	1 1	1	1	2	
Milchsäure, wässrig 10%	3 -	2 3	2 3	1 1	1 1	1 1		1 1	1 1	2	1	3	
Milchsäure, wässrig 50%	-	-	3 -	1 1	1 1	1 1		1 1	1 1	3	1	-	
Mineralöl → Öl													
Mischsäure: Schwefels. + Phosphors. + Wasser	-	-	2	1	-	2 -	2	1	1	-	1	3	
Mischsäure: Schwefels. + Salpeterss. + Wasser	-	-	-	1	-	3 -	-	-	-	-	1	-	
Monochloressigsäure → Chloressigsäure													
Morpholin	-	-	-	1 1	1 1	1 2	3	1 2	1 2	-	1		
Most	1	1	1	1	1	1	1	1	1	1	1	1	
Motorenöle → Öl													
Myristylalkohol (Tetradecanol)	1	1	1				1	1	1	2	1		
Naphtha	2	2	-	1 1	2 3	3 -	3	-	1	-	1	1	
Naphthalin	3 -	3 -	-	1 1	2 -	-	-	3 -	1 1	-	1	1	
Natriumacetat, wässrig	3 -	2 -	1	1 1	1 1	1	1	1	-	2	1	1	
Natriumbenzoat, wässrig	1	1	1	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
Natriumbi... → Natriumhydrogen...													
Natriumbromid			1	1 1	1 1		1	1	1		1	1	
Natriumcarbonat (Soda)	3 -	2 3	1 2	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1	1	
Natriumchlorat, wässrig	3 -	2 -	1 1	1 1	1 2	1 3	1	1 1	1 1	2	1	2	
Natriumchlorid, wässrig (Kochsalz)	2 3	2 3	1 1	1 1	1 1	1 1	1	1 1	1 1	1 1	1	1 3	1 2
Natriumchlorit, wässrig			2 -	2		1 3		1 1	1 1		1	-	
Natriumcyanid	3 -	3 -	1 1	1 1	1 1	1	1	1	1	1	1	1	
Natriumdichromat	3 -	3 -	-	1 1	1 1		1	1	1	2	1	2	
Natriumfluoride, allgemein gilt	3 -	3 -	1	1 1	1 1		1	1	1	2	1	2	
Natriumhydrogencarbonat, wässrig	3 -	3 -	1	1 1	1 1	1 1	1	1 1	1 1	1	1	1	
Natriumhydrogensulfat	3 -	2 -	1	1 1	1 1	1		1	1	1	1	-	
Natriumhydrogensulfit, wässrig 10%	2 -	2 -	1 1	1 1	1 1	1 2		1 1	1 2	1	1	1	
Natriumhydroxid (Ätznatron), wässrig 3%	3 -	2 3	1 2	1 1	1 1	1 2	1	1 1	1 2	2 3	1 1	1	3 -
Natriumhydroxid (Ätznatron), wässrig 50%	-	-	-	1 2	1 2	3 -	-	1 1	-	3 -	1 1	2	3 -
Natriumhypochlorit, wässrig 10%	3 -	2 3	1	1 1	3 -	3 -	1	1 2	2 -	3 -	1	-	
Natriummetaphosphat	1	1	1	1			2	2	1	1	1		
Natriumnitrat, wässrig 10%	2 3	2 3	1 2	1 1	1 1	1 1	1	1 1	1 1	2	1	1	
Natriumnitrit	3 -	2 -	1 1	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
Natriumperborat	-	-	2 3	1 1	1 2	1	1	1	1	1	1	3	
Natriumphosphate	2 3	2 3	1 1	1 1	1 1	1 1	1	1 1	1 1	2	1	2	3 -
Natriumsilikat, wässrig	-	3	1	1			1	1	1	1	1		
Natriumsulfat, wässrig (Glaubersalz)	2 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1		
Natriumsulfide	2	2	1	1 1	1 1	1 2	1	1 2	1 1		1	1	
Natriumsulfit, wässrig 3% ig	1 2	1 2	1 1	1 1	1 1	1 2	1	1 1	1 2	1	1	1	
Natriumthiosulfat	2	1	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1	1	
Natronlauge → Natriumhydroxid													
Naturgas → Erdgas													
Nickelacetat	-	-		1 1	1 1		2	-	-	3	1	1	
Nickelchlorid, wässrig	2 -	1 3	1	1 1	1 1	1	2	1	1	2	1	3	
Nickelsulfat, wässrig	2 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	1 2	1 1	2	
Nitrobenzol	-	-	-	1 1	-	-	-	-	3 -	-	1	3	
Nitroglycerin	-	-	1 3	1 1	-			1	1	-	1		
Nitromethan	-	-	2	1		3	3	3 -	-	-	1	2	
Nitropropane	-	-				3	-	-	-	-	1	2	

Alle angegebenen Maße und Werte sind ca.-Angaben und wurden bei 20 °C ermittelt.
Technische Änderungen vorbehalten.

media	Ester-PUR 20°C 60°C	Ether-PUR (MHF) 20°C 60°C	Soft-PVC 20°C 60°C	LLDPE (AIRDUC® and PROTAPE) 20°C 60°C	HDPE + LDPE (CP) 20°C 60°C	TPE 20°C 60°C	NEOPRENE® 20°C 60°C	HYPALON® 20°C 80°C	VITON® 20°C 80°C	Silicon 20°C 80°C	PTFE 20°C 100°C	PA 20°C 60°C	ARAMID 20°C 100°C
methyl chloroform → trichloroethanes							-						
methyl ethyl ketone (MEK)	-	-	-	1 1	2 -	3 -	3	3 -	-	-	1	2	
methyl glycol → ethylene glycol							3						
methyl isobutyl ketone	-	-	-	2		3 -	-	-	-	-	1	2	
methyl pyrrolidone (NMP)	-	-										2	
methylamine, aqueous	-	-	3 -	1		1	2	1	-	-	1		
methylated spirit → ethanol													
methylen chloride→ chloromethanes													
microbes (microorganisms)	- -	1 1	1 1	2 3	2 3	2 3		1 1	1 1	3 3	1 1	1	
milk	1	1	1	1 1	1 1	1	-	1	1	1	1	1	
mine gas → methane													
mineral oil → oil													
mixed acid: sulfuric acid + nitric acid + water	-	-	-	1	-	3 -	-	-	-	-	1	-	
mixed acid: sulfuric acid + phosphoric acid + water	-	-	2	1	-	2 -	2	1	1	-	1	3	
molasses	3 -	2 -	1 2	1 1	1 1	1 2	1	1 1	1 1	1	1	1	
morpholine	-	-	-	1 1	1 1	1 2	3	1 2	1 2	-	1		
motor oils (engine oils) → oil													
must (fruit wine)	1	1	1	1	1	1	1	1	1	1	1	1	
mustard	1	1	1	1 1	1 1		1	1	-		1	1	
myristyl alcohol (tetradecanol)	1	1	1				1	1	1	2	1		
naphtha	2	2	-	1 1	2 3	3 -	3	-	1	-	1	1	
naphthalene	3 -	3 -	-	1 1	2 -	-	-	3 -	1 1	-	1	1	
natural gas, dry	1	1	1	1	1	3 -	1	3 -	1	3 -	1	1	
natural gas, wet with >7 C-atoms	1	1	3 -	1	2 3	3 3	1	2 3	1	3	1 1	1	
natural gas, wet with 1-7 C-atoms	2	2	-	1	3 -	-	1	2 3	1	-	1	1	
nickel acetate	-	-		1 1	1 1		2	-	-	3	1	1	
nickel chloride	2 -	1 3	1	1 1	1 1	1	2	1	1	2	1	3	
nickel sulfate	2 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	1 2	1 1	2	
nitric acid, 10%	-	-	2 3	1 1	1 2	1 2	3	1 2	1 2	3 -	1	-	3 -
nitric acid, 25%	-	-	3 -	1 2	2 3	2 3	2	2 3	2 3	-	1	-	
nitric acid, 50%	-	-	-	2 -	-	3 -	-	2 -	2 -	-	1	-	
nitric acid, 100%	-	-	-	-	-	-	3	3 -	3 -	-	1	-	
nitrilotriethanol	-	-	-	1			2	2	1	1	1		
nitrobenzene	-	-	-	1 1	-	-	-	-	3 -	-	1	3	
nitrogen	1	1	1	1	1	1	1	1	1	1	1	1	
nitrogen oxides (nitrous fumes)	-	-	-	1 1	1 1	-	-	3	3		1	3	
nitroglycerin	-	-	1 3	1 1	-			1	1	-	1		
nitromethane	-	-	2	1		3	3	3 -	-	-	1	2	
nitropropanes	-	-				3		-	-	-	1	2	
nitrotoluenes	-	-	-	1 1	3 -	-	-	-	3 -		1	3 -	
nitrous fumes → nitrogen oxides													
nonyl alcohol nonanol)	-	-		1 1	1 1		3	2	1	2	1	3	
octane	1	1	-	1 1	1 1	-	-	-	1	-	1	1	
octanols (octyl alcohol)	-	-	-	1 1	1 3	1	1	1	1	2	1	1	
oil, animal	1 1	1 1	2 3	1 1	2 3	3 -	3	2 3	1 1	3 -	1 1	1	
oil, ASTM-oil nr. 1	1 1	1 1	3 -	1 1	2 3	-	1	2 3	1 1	2 2	1 1		
oil, ASTM-oil nr. 2	1 1	1 1	3 -	1 1	2 3	-	1	2 3	1 1	2 2	1 1		
oil, ASTM-oil nr. 3	1 1	1 1	3 -	1 1	2 3	3 -	-	2 3	1 1	2 3	1 1	1	
oil, ATF-	1 1	1 1				3 -		3 -	1 1	3 -	1 1	1	
oil, hydraulic → hydraulic fluid													
oil, mineral	1 1	1 1	3 -	1 1	2 3	3 3	-	2 3	1 1	2 3	1 1	1	1
oil, vegetable	1 1	1 1	2 3	1 1	2 3	2 3	2	2 3	1 1	3 -	1 1	1	
oleic acid	2 3	1 2	2 3	2	2		-	3	2	3	1	2	
oleum	-	-	-	-			-	-	1	-	1		
olive oil	1 1	1 1	2 3	1 1	2 3	2 3	2	2 3	1 1	2 3	1 1	1	
oxalic acid, aqueous	3 -	2 3	1 2	1 1	1 1	1 3	2	1 2	1 1	2 3	1	3	2 -
oxiranes → ethylene oxide													
oxygen → air													
ozone	3	3	3	-	-	3	2	1	2	2	1	-	
palm oil	2	2	3	1 1	1 2		-	3	1	2	1		
palmitic acid	1	1	3	1 1	1 1	3 -	3	3 -	1 1	2	1	1	
para formaldehyde	2	1		1			2		2	1	1		
paraffin (paraffin oil)	1	1	2 -	1 1	1 3	-	-	3 -	1 1	2	1	1	
pectins	1	1	1 1			1		1	1	1	1	1	
pentachlorphenol	-	-								3	1		
pentanes	1	1	1	-			2	-	1	-	1	3	
pentanols (amyl alcohols)	-	-	-	1 1	2 3	1	1	1	3	1	1	1	1
pentyl acetates	-	-	-	1	2 3	3 -	3	-	-	-	1	1	
perchloric acid, aqueous	-	-	2 3	2 3	3 -	2 -	3	1 1	1 1	-	1	-	
perchloroethylene → tetrachloroethylene							-						
Perhydrol → hydrogen peroxide													
petrol → gasoline													
petroleum	1	1	-	1 1	2 -	-	-	3 -	1 1	3 -	1	1	
petroleum ether	1	1	-	1 1	2 -	-	1	-	1 1	- -	1 1	1	
phenol	-	-	-	1 1	3 -	-	3	-	1 1	2 3	1 1	-	
phenyl ether → diphenyl ether													
phenylhydrazine	-	-	-	3 -		3 -		3 -	2 3	-	1		
phosgene	-	-	-		-	-		2 3	2 3	-	1	-	
phosphoric acid 3%	2 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	2 3	1 1	3 -	2 3
phosphoric acid 50%	-	-	1 2	1 1	2 3	1 2	1	1 1	1 1	3 -	1 1	-	
phosphorus trichloride oxide	-	-	-	-	2 3	2 3	1	1 1	1 1	-	1	-	
photo developer, generally (see exact media)	-	-	2	1 1	1 1	1		1	1	2	1	1	
photo emulsion, generally (see exact media)	-	-	1	1	1	1		1	1	2	1	2	
photo fixing, generally (see exact media)	-	-	1		1 1	1		1	1	2	1	1	
phthalates → phthalic ester													

All stated dimensions, sizes and technical data are approx.- figures based on a temperature of 20 °C.
Engineering modifications subject to change.

Medium	Ester-PUR 20 °C 60 °C	Ether-PUR (MHF) 20 °C 60 °C	Weich-PVC 20 °C 60 °C	LLDPE (AIRDUC® und PROTAPE) 20 °C 60 °C	HDPE + LDPE (CP) 20 °C 60 °C	TPE 20 °C 60 °C	NEOPRENE® 20 °C 60 °C	HYPALON® 20 °C 80 °C	VITON® 20 °C 80 °C	Silicon 20 °C 80 °C	PTFE 20 °C 100 °C	PA 20 °C 60 °C	ARAMID 20 °C 100 °C
Nitrose Gase → Stickstoffoxide													
Nitrotoluole	-	-	-	1 1	3 -	-	-	-	3 -		1	3 -	
Nonylalkohol (Nonanol)	-	-		1 1	1 1		3	2	1	2	1	3	
Octan	1	1	-	1 1	1 1	-	-	-	1	-	1	1	
Octanole (Octylalkohole)	-	-	-	1 1	1 3	1	1	1	1	2	1	1	
Öl, ASTM-Öl Nr. 1	1 1	1 1	3 -	1 1	2 3	-	1	2 3	1 1	2 2	1 1		
Öl, ASTM-Öl Nr. 2	1 1	1 1	3 -	1 1	2 3	-	1	2 3	1 1	2 2	1 1		
Öl, ASTM-Öl Nr. 3	1 1	1 1	3 -	1 1	2 3	3 -	-	2 3	1 1	2 3	1 1	1	
Öl, ATF-	1 1	1 1				3 -		3 -	1 1	3 -	1 1	1	
Öl, Hydrauliköl → Hydraulikflüssigkeit													
Öl, mineralisch (Erdöl)	1 1	1 1	3 -	1 1	2 3	3 3	-	2 3	1 1	2 3	1 1	1	1
Öl, pflanzlich	1 1	1 1	2 3	1 1	2 3	2 3	2	2 3	1 1	3 -	1 1	1	
Öl, tierisch	1 1	1 1	2 3	1 1	2 3	3 -	3	2 3	1 1	3 -	1 1	1	
Oleum	-	-	-	-			-	-	1	-	1		
Oleumdämpfe	-	-	3	-			-	3	3	-	1		
Olivenöl	1 1	1 1	2 3	1 1	2 3	2 3	2	2 3	1 1	2 3	1 1	1	
Ölsäure	2 3	1 2	2 3	2	2		-	3	2	3	1	2	
Oxalsäure, wässrig	3 -	2 3	1 2	1 1	1 1	1 3	2	1 2	1 1	2 3	1	3	2 -
Oxiran → Ethylenoxid													
Ozon	3	3	3	-	-	3	2	1	2	2	1	-	
Palmitinsäure	1	1	3	1 1	1 1	3 -	3	3 -	1 1	2	1	1	
Palmöl (Palmfett, Palmbutter)	2	2	3	1 1	1 2		-	3	1	2	1		
Paraffin (Paraffinöl)	1	1	2 -	1 1	1 3	-	-	3 -	1 1	2	1	1	
Paraformaldehyd	2	1		1			2		2	1	1		
Pektine	1	1	1 1			1		1	1	1	1	1	
Pentachlorphenol	-	-								3	1		
Pentane	1	1	1	-			2	-	1	-	1	3	
Pentanole (Amylalkohole)	-	-	-	1 1	2 3	1	1	1	1	3	1	1	1
Perchlorethylen (Per) → Tetrachlorethylen							-						
Perchlorsäure, wässrig	-	-	2 3	2 3	3 -	2 -	3	1 1	1 1	-	1	-	
Perhydrol → Wasserstoffperoxid													
Petrolether	1	1	-	1 1	2 -	-	1	-	1 1	- -	1 1	1	
Petroleum	1	1	-	1 1	2 -	-	-	3 -	1 1	3 -	1	1	
Pflanzenöle → Öl													
Phenol	-	-	-	1 1	3 -	-	3	-	1 1	2 3	1 1	-	
Phenylether → Diphenylether													
Phenylhydrazin	-	-	-	3 -		3 -		3 -	2 3	-	1		
Phosgen	-	-	-		-	-		2 3	2 3	-	1	-	
Phosphoroxidtrichlorid (Phosphoroxychlorid)	-	-	-	-	2 3	2 3	1	1 1	1 1	-	1	-	
Phosphorsäure 3%	2 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	2 3	1 1	3 -	2 3
Phosphorsäure 50%	-	-	1 2	1 1	2 3	1 2	1	1 1	1 1	3 -	1 1	-	
Phthalate → Phthalsäureester													
Phthalsäureester (Phthalate)	-	3 -	1 2	1 1	2 -	2 3	-	1 2	1 2	-	1 1	2	
Pikrinsäure	3 -	2 3	1	1 1	1 2	1	3	1	1	2 3	1	3	
Pilze → Mikroben													
Pottasche → Kaliumcarbonat													
Propan, nass oder gasförmig	1	1	-	-	3 -	-	1	3 -	1	-	1	1	
Propargylalkphol, wässrig 7% ig	-	-		1 1	1 1	2 3		2 3	1 1	2 3	1 1		
Propen (Propylen)	-	-					-	-	1	-	1	1	
Propionsäure (Propansäure)	-	-	1	1 1	2 3	3 -	-	3 -	2 3	-	1 1	3	
Propylacetate (Essigsäurepropylester)	-	-		2			-	-	-	-	1	1	
Propylamine	-	-					-	-	-	-	1		
Propylen (Propen)	-	-	2				-	-	1	-	1		
Propylendichlorid (Dichlorpropan)				-						-	1		
Propylenglykole (Propandiole)	-	-	-	1 1	1 1	1 1	2	1 1	1 1	1	1	-	
Propylenoxid	-	-		2		1	-	-	-	-	1	3	
Pyridin	-	-	-	1	2 3	3 -	-	-	-	-	1	1	
Pyrrol	-	-					3	-	3	-	1		
Quecksilber	1 1	1 1	1 1	1 1	1 1	1 1	2	1 1	1 1	1	1	2	
Quecksilber(II)-chlorid	2 -	2 3	3 -	1 1	1 1	1	2	1	1	1	1 1	-	
Quecksilbernitrate	2 -	2 3	1	1 1	1 1				1	1	1	1	
Quecksilbersalze, wässrig allgemein gilt	-	-	2	1 1	1 1	1		1	1	1	1	-	
Rapsöl	1 -	1 2		-			3	2	1	-	1	2	
Reiniger (Waschmittel) → Detergentien													
Resorcin				1 1	1 1							-	
Rindertalg (Rinderfett) → Öl, tierisch													
Rizinusöl (Rizinusöl, Kastoröl)	1	1	2 3	1 1	2	2	2	1	1	1	1	1	
Rohrzucker → Zucker													
Rohzuckersaft	-	3	1	1			2	1	1	1	1		
Saccharose → Zucker													
Salicylsäure (Spirsäure)	2	1	1 3	1 1	1 1	1	2	1	1	1	1	1	
Salmiak → Ammoniumchlorid													
Salmiakgeist → Ammoniak, wässrig													
Salpetersäure, 10%	-	-	2 3	1 1	1 2	1 2	3	1 2	1 2	3 -	1	-	3 -
Salpetersäure, 25%	-	-	3 -	1 2	2 3	2 3	2	2 3	2 3	-	1	-	
Salpetersäure, 50% (Scheidewasser)	-	-	-	2 -	-	3 -	-	2 -	2 -	-	1	-	
Salpetersäure, 100%	-	-	-	-	-	-	3	3 -	3 -	-	1	-	
Salzsäure, 3%	3 -	1 2	1 1	1 1	1 1	1 1		1 1	1 1	1 2	1 1	3 -	3
Salzsäure, 10%	-	2 3	1 2	1 1	1 1	1 2	3	1 1	1 1	2 3	1 1	-	-
Salzsäure, 40%	-	-	2 3	1 1	2 3	2 3	3	2 3	1 1	-	1 1	-	-
Salzwasser → Wasser													
Sauerstoff → Luft													
Säuren, allgemein gilt (siehe exaktes Medium)	3 -	2 3	1 2	1 1	2 3	2 3	-	1 2	1 1	3 -	1 1	3 -	
Scheidewasser → Salpetersäure													
Schmieröle/- fette → Öl													

Alle angegebenen Maße und Werte sind ca.-Angaben und wurden bei 20 °C ermittelt.
Technische Änderungen vorbehalten.

media	Ester-PUR 20 °C 60 °C	Ether-PUR (MHF) 20 °C 60 °C	Soft-PVC 20 °C 60 °C	LLDPE (AIRDUC® and PROTAPE) 20 °C 60 °C	HDPE + LDPE (CP) 20 °C 60 °C	TPE 20 °C 60 °C	NEOPRENE® 20 °C 60 °C	HYPALON® 20 °C 80 °C	VITON® 20 °C 80 °C	Silicon 20 °C 80 °C	PTFE 20 °C 100 °C	PA 20 °C 60 °C	ARAMID 20 °C 100 °C
phthalic ester (phthalates)	-	3 -	1 2	1 1	2 -	2 3	-	1 2	1 2	-	1 1	2	
picric acid	3 -	2 3	1	1 1	1 2	1	3	1	1	2 3	1	3	
pigs fat → oil, animal													
polychlorinated biphenyls	2	2	3	3			3	-	1	-	1		
potash → potassium carbonate													
potash lye 10%	2 3	1 2	1 2	1 1	1 1	1 2	1	1 1	1 2	2 3	1	1	2
potash lye 50%	-	3 -	2 3	1 1	1 2	2 3		1 1	2 3	3 -	1	2	
potassium acetate, aqueous	3 -	3 -	1	1 1	1 1	1	-	1	-	-	1		
potassium aluminium sulfate → alum													
potassium bicarbonate → potassium hydrogencarbonate													
potassium bisulfate → potassium hydrogensulfate													
potassium borate, aqueous	3 -	2 -	1	1 1	1 1	1	1	1	1	1	1	1	
potassium bromate 10%	-	-	1	1 1	1 2	1 1		1 1	1 1	2 3	1	3	
potassium bromide, aqueous	3 -	2 -	1	1 1	1 1	1 1	1	1 1	1 1	1	1	2	
potassium carbonate, aqueous (potash)	3 -	3 -	1	1 1	1 1	1	1	1	1	1	1	1	
potassium chlorate, aqueous	3 -	2 -	1 3	1 1	1 1	1 1	1	1 1	1 1	3 -	1	1	
potassium chloride, aqueous	2 -	1 3	1 1	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
potassium chromate, aqueous 40%	-	-	1 3	1 1	1 1	1	1	1	1	2 3	1		
potassium cyanide, aqueous	3 -	3 -	2	1 1	1 1	1	1	1	2	2	1		
potassium dichromate, aqueous 40%	-	3 -	2 3	1 1	1 1	1	2	1	1	3	1	-	
potassium hydrogencarbonate	2	2	1	1 1	1		1	1	1	1	1	3	
potassium hydrogensulfate, aqueous	-	3 -		1 1	1 1	1		1	1	2	1	3	
potassium hydroxide → potash lye							1						
potassium hypochlorite	-	-	1	3			-	3	2	3	1 1	3	
potassium iodide, aqueous	-	-	1	1 1	1 1	1 1	1	1 1	1 1	2 3	1 1	1	
potassium nitrate, aqueous	2 -	1 3	1	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
potassium perchlorate, aqueous	-	-	1			1 1		1 1	1 1	2 3	1	-	
potassium permanganate, aqueous 5%	3 -	2 3	2 3	1 1	1 1	1 1	2	1 1	1 1	1 2	1	-	
potassium peroxodisulfate	-	3 -	1 3	1 1	1 1	1 1		1 1	1 1	3 -	1	-	
potassium phosphates	1	1		1			1	1	1	-	1		
potassium sulfate, aqueous	1 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	2	1	1	
potassium sulfite	1	1	1	1 1	1 1		1	1	1	1	1	1	
premium gasoline/ petrol → gasoline													
propane, wet or gaseous	1	1	-	-	3 -	-	1	3 -	1	-	1	1	
propargyl alcohol, aqueous 7%	-	-		1 1	1 1	2 3		2 3	1 1	2 3	1 1		
propene (propylene)	-	-				-	-	-	1	-	1	1	
propionic acid (propane acid)	-	-	1	1 1	2 3	3 -	-	3 -	2 3	-	1 1	3	
propyl acetates	-	-		2			-	-	-	-	1	1	
propylamines	-	-					-	-	-	-	1		
propylene	-	-	2				-	-	1	-	1		
propylene glycols (propanediols)	-	-	-	1 1	1 1	1 1	2	1 1	1 1	1	1	-	
propylene oxide	-	-		2		1	-	-	-	-	1	3	
prussic acid → hydrogen cyanide													
pyridine	-	-	-	1	2 3	3 -	-	-	-	-	1	1	
pyrrole	-	-					3	-	3	-	1		
radiation, radioactive 108 Rad	2 2	2 2	3 3	- -	- -		1	1		- -	- -		
radiation, ultraviolet	2 2	2 2	2 2	3 3	3 3	2 2		1 1	1 1	2 2	1 1		
radiation, ultraviolet B and C											1		
rapeseed oil	1 -	1 2		-			3	2	1	-	1	2	
raw sugar juice	-	3	1	1			2	1	1	1	1		
refrigerating agent → freon													
resorcinol				1 1	1 1							-	
saccharose → sugar													
salicylic acid	2	1	1 3	1 1	1 1	1	2	1	1	1	1	1	
salmiac → ammonium chloride													
salt water → water													
salt, table-salt → sodium chloride													
sea water → water													
sebacic esters	-	-	-	1		2	-	-	3 -		1		
silber salts, generally (see exact media)	3 -	3 -	1 3	1 1	1 2	1 2		1 1	1 2	2 3	1 1	1	
silicic acids, aqueous	-	3 -	1 2	1 1	1 1	1 1	1	1 1	1 1	2 3	1		
silicium dioxide → silicic acids							1						
silicon oil/ -fat	1 2	1 2	-	1 1	1 2		1	2 3	1 2	2	1	1	
silver nitrate, aqueous	-	-	1 3	1 1	1 2	1 2	1	1 1	1 2	2 3	1 1	1	
Skydrol → hydraulic fluid, phosphoric esters													
soap suds → detergents													
soda ash → sodium carbonate													
soda lye → sodium hydroxide													
sodium acetate, aqueous	3 -	2 -	1	1 1	1 1	1	1	1	-	2	1	1	
sodium benzoate, aqueous	1	1	1	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
sodium bi... → sodium hydrogen...													
sodium bromide			1	1 1	1 1		1	1	1		1	1	
sodium carbonate (soda ash)	3 -	2 3	1 2	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1	1	
sodium chlorate, aqueous	3 -	2 -	1 1	1 1	1 2	1 3	1	1 1	1 1	2	1	2	
sodium chloride, aqueous (table-salt)	2 3	2 3	1 1	1 1	1 1	1 1	1	1 1	1 1	1 1	1	1 3	1 2
sodium chlorite, aqueous			2 -	2		1 3		1 1	1 1		1	-	
sodium cyanide	3 -	3 -	1 1	1 1	1 1	1	1	1	1	1	1	1	
sodium dichromate	3 -	3 -	-	1 1	1 1		1	1	1	2	1	2	
sodium fluorides, generally	3 -	3 -	1	1 1	1 1		1	1	1	2	1	2	
sodium hydrogencarbonate, aqueous	3 -	3 -	1	1 1	1 1	1 1	1	1 1	1 1	1	1	1	
sodium hydrogensulfate	3 -	2 -	1	1 1	1 1	1		1	1	1	1	-	
sodium hydrogensulfite, aqueous 10%	2 -	2 -	1 1	1 1	1 1	1 2		1 1	1 2	1	1	1	
sodium hydroxide (caustic soda), aqueous 10%	3 -	2 3	1 2	1 1	1 1	1 2	1	1 1	1 2	2 3	1 1	1	3 -
sodium hydroxide (caustic soda), aqueous 50%	-	-	-	1 2	1 2	3 -	-	1 1	-	3 -	1 1	2	3 -

All stated dimensions, sizes and technical data are approx.- figures based on a temperature of 20 °C.
Engineering modifications subject to change.

Medium	Ester-PUR	Ether-PUR (MHF)	Weich-PVC	LLDPE (AIRDUC® und PROTAPE)	HDPE + LDPE (CP)	TPE	NEOPRENE®	HYPALON®	VITON®	Silicon	PTFE	PA	ARAMID
	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 60 °C	20 °C 80 °C	20 °C 80 °C	20 °C 80 °C	20 °C 100 °C	20 °C 60 °C	20 °C 100 °C
Schwarzlauge (Zellstoff Herstellung)	-	-						1 1	1 1	-	1 1		
Schwefeldioxid → Schwefelsäure													
Schwefelhexafluorid								1	1		1		
Schwefelkohlenstoff (Kohlenstoffdisulfid)	-	-	-	1 1	3 -	-	-	-	1	-	1	2	
Schwefelsäure, 3%	3 -	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	1 3	1 1	-	2 -
Schwefelsäure, 25%	-	3 -	2 3	1 1	1 2	1 2	1	1 2	1 1	3 -	1 1	-	3 -
Schwefelsäure, 50%	-	-	3 -	1 2	2 3	2 3	3	2 3	1 2	-	1 1	-	3 -
Schwefelsäure, 90% (rauchende, Oleum)	-	-	-	2 3	3 -	-	3	3 -	2 3	-	1	-	-
Schwefeltrioxid (Schwefelsäureanhydrid)	-	-	-	3 -	-	-	-	-	1	-	1		
Schwefelwasserstoff, trocken oder feucht	3 -	3 -	-	1 1	1 1	1	3	1 1	1 1	2 3	1 1	1	
Schweinefett → Öl, tierisch													
Sebacinsäureester	-	-	-	1		2	-	-	3 -		1		
Seifenlösung → Detergentien													
Senf	1	1	1	1 1	1 1		1	1	-		1	1	
Silbernitrat, wässrig	-	-	1 3	1 1	1 2	1 2	1	1 1	1 2	2 3	1 1	1	
Silbersalze, allgemein gilt (siehe exaktes Medium)	3 -	3 -	1 3	1 1	1 2	1 2		1 1	1 2	2 3	1 1	1	
Siliciumdioxid → Kieselsäuren							1						
Silikonöl/ -fett	1 2	1 2	-	1 1	1 2		1	2 3	1 2	2	1	1	
Skydrol → Hydraulikfl., Phosphorsäureester													
Soda → Natriumcarbonat													
Sojabohnenöl	1	1	2 -	1 1	2 3	2 3	3	2	1	1	1	1	
Sole → Kochsalzlösung													
Spiritus → Ethanol													
Stadtgas, benzolfrei	1	1	1	1	1	3 -	-	3 -	1	3 -	1	1	
Stärke, wässrig	-	-	1	1 1	1 1	1 1	2	1 1	1 1	1	1	1	
Stärkesirup	2 3	2 3	1	1 1	1 1	1	1	1 1	1 1	1	1 1	1	
Stearinsäure	3 -	2 3	1 2	1 1	1 3	2 3	-	1 3	1 2	1	1 1		
Steinkohlenteer → Kreosot													
Steinsalz (Halit) → Natriumchlorid													
Stickstoff	1	1	1	1	1	1	1	1	1	1	1	1	
Stickstoffoxide (Nitrose Gase)	-	-	-	1 1	1 1	-	-	3	3		1	3	
Strahlung, radioaktiv 108 Rad	2 2	2 2	3 3	- -	- -		1	1		- -	- -		
Strahlung, UV	2 2	2 2	2 2	3 3	3 3	2 2		1 1	1 1	2 2	1 1		
Strahlung, UV-B und UV-C											1		
Styrol	-	-	-	1 1	3 -	-	-	-	2 3	-	1	1	
Sulfonsäuren, allgemein gilt	-	-	1 2	1 1	1 1	2 3		1	1 1	1	1		
Sumpfgas → Biogas													
Superbenzin → Benzin													
Talg (Talkum)	2 3	2 3	1	1	1 2	2 3	1	1 1	1 1	1	1	1	
Tannine (Gerbsäure)	3 2	2 3	1	1 1	1 1	1	2	1	1	2	1		
Tee, wässrig			1 1	1 1	1 1						1		
Teebaumöl	2	2					1	2	2	3	2		
Teer (Teeröl)	-	-	3 -	2			-	-	1	3	1	3	
Terpentin	-	-	-	1 1	3 -	-	2	-	1 2	-	1	3	
Terpentinöl	-	-	-	-	3 -	-	2	-	1	-	1	1	
Testbenzin → Benzin													
Tetrachlorethan	-	-	-	1 1	3 -	-	-	-	2 3	-	1	1	
Tetrachlorethylen (Per, Perchlorethylen)	-	-	-	1 1	-	-	-	3 -	1 2	-	1 1	3	2
Tetrachlorkohlenstoff → Chlormethane							-						
Tetrahydrofuran (THF)	-	-	-	1 1	-	-	-	-	-	-	1	1	
Tetralin (Tetrahydronaphthalin)	-	-	-	1 1	3 -	-	-	-	1	-	1	1	
Thionylchlorid	-	-	-	-	-	-	-	1	3 -	-	1	-	
Thiophen	-	-	-	1 1	-	-		-	-	-	1 1	1	
Tierfett → Öl, tierisch													
Tinte	1	1	1 1	1	1 1	1		1	3	1	1	1	
Toluol (Methylbenzol)	-	-	-	1 1	3 -	-	-	-	2	-	1	1	2
Transformatorenöl → Öl													
Traubensaft → Fruchtsäfte													
Traubenzucker → Glukose													
Tributylphosphat (TBP)	-	-	-	1	1		-	-	-	-	1	3	
Trichloressigsäure (TCA)	-	-	2	1 1	3 -	3	-	3 -	-	-	1	-	
Trichlorethane (Methylchloroform)	-	-	3	1 1	2 3		-	-	1	-	1		
Trichlorethylen (Tri)	-	-	-	1 1	-	-	-	-	2 3	-	1	3	2
Trichlormethan (Chloroform) → Chlormethane													
Triethanolamin	-	-	-	1			2	2	1	1	1		
Triethylamin (TEA)	2	2	2	1			2		-	-	1		
Triethylenglykol (Triglykol)	2 3	2 3			1	1		1	1	2	1		
Trikresylphosphat	-	-	-	1 1	1 2	2	-	-	2	-	1	1	
Trinatriumphosphate → Natriumphosphate													
Tungöl → Teebaumöl													
Urin (Harn)	1	1	1	1	1 1		1	1	1	1	1	1	
Vaseline	1	1	3 -	1 1	2 3		-	-	1 1	2	1	1	
Verdünner → siehe exaktes Medium													
Vinylacetat (Essigsäurevinylester)	-	-	-	1			1	3	3	-	1	1	
Vinylchlorid	-	-	-	-	-	2 3	-	-	1	-	1	2	
Vitriolöl → Oleum													
Waschmittel, Waschlauge → Detergentien													
Wasser	1 2	1 1	1 1	1 1	1 1	1 1		1 1	1 1	1 1	1 1	1 2	1 1
Wasser, deionisiert → Wasser													
Wasser, destilliert → Wasser													
Wasser, entmineralisiert → Wasser													
Wasser, Meerwasser/ Seewasser	1 2	1 1	1 1	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1	1 3	1
Wasser, Mineralwasser	2 3	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	
Wasserdampf → Wasser													
Wasserglas, wässrig (Natriumsilikat)	-	3 -	1 2	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	

Alle angegebenen Maße und Werte sind ca.-Angaben und wurden bei 20 °C ermittelt.
Technische Änderungen vorbehalten.

media	Ester-PUR	Ether-PUR (MHF)	Soft-PVC	LLDPE (AIRDUC® and PROTAPE)	HDPE + LDPE (CP)	TPE	NEOPRENE®	HYPALON®	VITON®	Silicon	PTFE	PA	ARAMID
	20°C 60°C	20°C 60°C	20°C 60°C	20°C 60°C	20°C 60°C	20°C 60°C	20°C 60°C	20°C 80°C	20°C 80°C	20°C 80°C	20°C 100°C	20°C 60°C	20°C 100°C
sodium hypochlorite, aqueous 10%	3 -	2 3	1	1 1	3 -	3 -	1	1 2	2 -	3 -	1	-	
sodium metaphosphates	1	1	1	1			2	2	1	1	1		
sodium nitrate,aqueous 10%	2 3	2 3	1 2	1 1	1 1	1 1	1	1 1	1 1	2	1	1	
sodium nitrite	3 -	2 -	1 1	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
sodium perborate	-	-	2 3	1 1	1 2	1	1	1	1	1	1	3	
sodium phosphates	2 3	2 3	1 1	1 1	1 1	1 1	1	1 1	1 1	2	1	2	3 -
sodium silikate, aqueous	-	3	1	1				1	1	1	1		
sodium sulfate, aqueous (Glauber´s salt)	2 3	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1		
sodium sulfides	2	2	1	1 1	1 1	1 2	1	1 2	1 1		1	1	
sodium sulfite, aqueous 3%	1 2	1 2	1 1	1 1	1 1	1 2	1	1 1	1 2	1	1	1	
sodium thiosulfate	2	1	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1	1	
solvents, generally (see exact media)	-	-	-	1 1	3 -	-		-	-	-	1 1	2	
soybeans oil	1	1	2 -	1 1	2 3	2 3	3	2	1	1	1	1	
spirit → ethanol													
spirits	1	1	1 1	1 1	1 1		1	1	1	1	1	1	
starch sugar	2 3	2 3	1	1 1	1 1	1	1	1 1	1 1	1	1 1	1	
starch, aqueous	-	-	1	1 1	1 1	1 1	2	1 1	1 1	1	1	1	
steam → water vapor													
steam of oleum	-	-	3	-			-	3	3	-	1		
stearic acid	3 -	2 3	1 2	1 1	1 3	2 3	-	1 3	1 2	1	1 1		
stone salt (halite) → sodium chloride													
styrene	-	-	-	1 1	3 -	-	-	-	2 3	-	1	1	
succinic acid, aqueous	-	3 -	1 1	1 1	1 1	1 1		1 1	1 1	2 -	1	1	
sugar syrup (saccharose)	2 3	1 2	1 2	1 1	1 1	1 1		1 1	1 1	1 1	1	1	
sugar, dry	1 2	1 1	1 1	1 1	1 1	1 1		1 1	1 1	1 1	1	1 1	
sulfonic acids, generally	-	-	1 2	1 1	1 1	2 3		1	1 1	1	1		
sulfur dioxide → sulfuric acid													
sulfur trioxide (sulfur acid anhydride)	-	-	-	3 -	-	-	-	-	1	-	1		
sulfuric acid, 3%	3 -	1 2	1 1	1 1	1 1	1 1	1	1 1	1 1	1 3	1 1	-	2 -
sulfuric acid, 25%	-	3 -	2 3	1 1	1 2	1 2	1	1 2	1 1	3 -	1 1	-	3 -
sulfuric acid, 50%	-	-	3 -	1 2	2 3	2 3	3	2 3	1 2	-	1 1	-	3 -
sulfuric acid, 90% (fuming, oleum)	-	-	-	2 3	3 -	-	3	3 -	2 3	-	1	-	-
sulphur hexafluoride								1	1			1	
tallow (talcum)	2 3	2 3	1	1	1 2	2 3	1	1 1	1 1	1	1	1	
tanning acid → tannine													
tannins (tanning acid)	3 2	2 3	1	1 1	1 1	1	2	1	1	2	1		
tar (tar oil)	-	-	3 -	2			-	-	1	3	1	3	
tartaric acid, aqueous	2 3	1 2	1	1 1	1 1	1 1	2	1 1	1 1	1	1	2	
tea tree oil	2	2					1	2	2	3	2		
tee, aqueous			1 1	1 1	1 1						1		
tetrachlorocarbonates → chloromethanes							-						
tetrachloroethane	-	-	-	1 1	3 -	-	-	-	2 3	-	1	1	
tetrachloroethylene (perchloroethylene)	-	-	-	1 1	-	-	-	3 -	1 2	-	1 1	3	2
tetrahydrofuran	-	-	-	1 1	-	-	-	-	-	-	1	1	
Tetralin (tetrahydronaphthalene)	-	-	-	1 1	3 -	-	-	-	1	-	1	1	
thionyl chloride	-	-	-	-	-	-	-	1	3 -	-	1	-	
thiophene	-	-	-	1 1	-	-		-	-	-	1 1	1	
tincture of iodine	-	-	2	2			3	2	1	-	1		
tin-II-chlorides, aqueous	3 -	2 3	1 2	1 1	1 2	1 2	1	2 3	1 1	2	1 1	3	
toluene	-	-	-	1 1	3 -	-	-	-	2	-	1	1	2
town gas, free of benzene	1	1	1	1	1	3 -	-	3 -	1	3 -	1	1	
transformer oil → oil													
tributyl phosphate	-	-	-	1	1		-	-	-	-	1	3	
trichlorethanes (methyl chloroform)	-	-	3	1 1	2 3		-	-	1	-	1		
trichloroacetic acid	-	-	2	1 1	3 -	3	-	3 -	-	-	1	-	
trichloroethylene	-	-	-	1 1	-	-	-	-	2 3	-	1	3	2
trichloromethanes → chloromethanes													
tricresyl phosphate	-	-	-	1 1	1 2	2	-	-	2	-	1	1	
triethylenamine	2	2	2	1			2		-	-	1		
triethylene glycol	2 3	2 3			1	1		1	1	2	1		
trisodium phosphates → sodium phosphates													
tung oil → tea tree oil													
turpentine	-	-	-	1 1	3 -	-	2	-	1 2	-	1	3	
turpentine, oil of	-	-	-	-	3 -	-	2	-	1	-	1	1	
urea, aqueous	3 -	3 -	1 3	1 1	1 1	1	1	1	1	3 -	1	1	
urine	1	1	1	1	1 1		1	1	1	1	1	1	
varnish	3	2	-	1			-	-	1	-	1		
vaseline	1	1	3 -	1 1	2 3		-	-	1 1	2	1	1	
vegetable oil → oil													
vinegar	-	3	2	1			1	1	2	1	1		
vinyl acetate	-	-	-	1			1	3	3	-	1	1	
vinyl chloride	-	-	-	-	-	2 3	-	-	1	-	1	2	
vitriol oil → oleum													
washing agents → detergents													
waste water	-		1	1			1	1	1	2	1		
water	1 2	1 1	1 1	1 1	1 1	1 1		1 1	1 1	1 1	1 1	1 2	1 1
water vapor (steam) → water													
water, de-ionized → water													
water, demineralized → water													
water, distilled → water													
water, mineral water → water	2 3	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	
water, sea water/ salt water → eau	1 2	1 1	1 1	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1	1 3	1
water-glass, aqueous	-	3 -	1 2	1 1	1 1	1 1	1	1 1	1 1	2 3	1	1	
weathering, generally	2 2	2 2	2 3	3 3	3 3	2 2		2 2	1 1	2 2	1 1	3	
whale oils	2	2	2	1			1	3	1	1	1	1	

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Engineering modifications subject to change.

Medium	Ester-PUR 20 °C 60 °C	Ether-PUR (MHF) 20 °C 60 °C	Weich-PVC 20 °C 60 °C	LLDPE (AIRDUC® und PROTAPE) 20 °C 60 °C	HDPE + LDPE (CP) 20 °C 60 °C	TPE 20 °C 60 °C	NEOPRENE® 20 °C 60 °C	HYPALON® 20 °C 80 °C	VITON® 20 °C 80 °C	Silicon 20 °C 80 °C	PTFE 20 °C 100 °C	PA 20 °C 60 °C	ARAMID 20 °C 100 °C
Wasserstoff	1	1	1	1 1	1 1	1 1	1	1 1	1 1	1 1	1 1	1	
Wasserstoffperoxid (Wasserstoffsuperoxid), 3%	1 2	1 2	1 1	1 1	2 3	1 2	-	1 1	1 1	1	1 1	-	
Wasserstoffperoxid (Wasserstoffsuperoxid), 30%	2 -	2 -	2 3	1 1	3 -	2 3	2	1 1	1 1	1	1 1	-	
Wein	1	1	1	1 1	1 1	1	1	1	1	1	1	1	
Weinsäure (Weinsteinsäure), wässrig	2 3	1 2	1	1 1	1 1	1 1	2	1 1	1 1	1	1	2	
Weissöl → Paraffin													
Witterung, allgemein gilt	2 2	2 2	2 3	3 3	3 3	2 2		2 2	1 1	2 2	1 1	3	
Wollfett (Wollwachs) → Lanolin													
XYLAMON	3	3				-		-	2	-	1		
Xylole (Demethylbenzole)	3 -	3 -	-	1 1	-	-	-	-	2	-	1	1	
Zinkacetat, wässrig	-	-		1 1	1 1		-	2	-	-	1		
Zinkchlorid, wässrig	2 3	2 3	1 2	1 1	1 1	1 1	1	1 1	1 1	1	1	3	
Zinksulfat, wässrig	2 3	2 3	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1	2	
Zinn-II-Chlorid (Zinndichlorid), wässrig	3 -	2 3	1 2	1 1	1 2	1 2	1	2 3	1 1	2	1 1	3	
Zucker, trocken	1 2	1 1	1 1	1 1	1 1	1 1		1 1	1 1	1 1	1	1 1	
Zuckersirup (Saccharose)	2 3	1 2	1 2	1 1	1 1	1 1		1 1	1 1	1 1	1	1	

media	Ester-PUR 20 °C 60 °C	Ether-PUR (MHF) 20 °C 60 °C	Soft-PVC 20 °C 60 °C	LLDPE (AIRDUC® and PROTAPE) 20 °C 60 °C	HDPE + LDPE (CP) 20 °C 60 °C	TPE 20 °C 60 °C	NEOPRENE® 20 °C 60 °C	HYPALON® 20 °C 80 °C	VITON® 20 °C 80 °C	Silicon 20 °C 80 °C	PTFE 20 °C 100 °C	PA 20 °C 60 °C	ARAMID 20 °C 100 °C
white oil → paraffin													
white spirits → gasoline													
wine	1	1	1	1 1	1 1	1	1	1	1	1	1	1	
wood oil	3	2	3	2			-	3	1	3	1		
wool fat → lanolin													
XYLAMON	3	3				-		-	2	-	1		
xylenes	3 -	3 -	-	1 1	-	-	-	-	2	-	1	1	
yeast, aqueous	-	1	1	1 1	1 1	1		1	1	1	1	1	
zinc acetate, aqueous	-	-		1 1	1 1		-	2	-	-	1		
zinc chloride, aqueous	2 3	2 3	1 2	1 1	1 1	1 1	1	1 1	1 1	1	1	3	
zinc sulfate, aqueous	2 3	2 3	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1	2	

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Technische Änderungen vorbehalten.

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Engineering modifications subject to change.